# Strike Series

## P O R T A B L E  Q u a d - B A N D

## M O B I L E  P H O N E

**User Manual**
**Please read this manual before operating your phone, and keep it for future reference.**

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# Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

## Activating Your Phone

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many other features.

### *Installing the SIM Card*

**Important!:** The plug-in SIM card and its contacts information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

If necessary, switch off the phone by holding down the key until the power-off image displays.

1. Remove the battery cover by sliding the battery cover in the direction of the arrow.

2. Carefully lift the battery cover away from the bottom of the phone.

3. Lift up and remove the battery.

4. Carefully slide the SIM card under the metal bracket and into the SIM card socket until the card locks into place. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown below.

**Note:** If the card is not inserted correctly, the phone does not detect the SIM card. Remove the battery and re-orient the card back into the slot.

5. Replace the battery:

- Slide the battery back into the compartment so that the tabs on the end align with the slots at the bottom of the phone.
- Press the battery down until it clicks into place.

Reinstall the battery cover by sliding it back onto the phone until you hear it securely click. Make sure the battery is properly installed before switching on the phone.

### *Charging a Battery*

Your phone is powered by a rechargeable Li-ion battery. A travel adapter, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging, but doing so requires additional charging time.

---

**Note:** You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

---

1. With the battery installed, temporarily remove the plastic cover on the right side of the phone and plug in the travel adapter's connector into the jack.

**Important!:** Verify that the handset battery is installed prior to connecting the travel adapter. If the battery is not installed and the travel adapter is connected the handset continuously power cycles and prevents proper operation.

2. Plug the adapter's power plug into a standard AC wall outlet.

**Note:** The previous illustration displays the **incorrect** method for connecting the charger. If attempted, damage to the accessory port will occur, voiding the phone's warranty.

3. When charging is finished, unplug the adapter's power plug from the AC wall outlet and then disconnect the travel adapter's connector from the phone.
4. Resecure the plastic cover over the interface jack on the phone.

**Warning!:** Failure to unplug the travel adapter before you remove the battery, can cause damage to the phone.

### *Low Battery Indicator*

When the battery is weak and only a few minutes of talk time remain; a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode.

When the battery level becomes too low, the phone automatically turns off.

## Switching the Phone On or Off

1. Press and hold the key until the phone switches on.
2. If the phone asks you to enter the phone password, use the keypad to enter this password and press either the **OK** soft key or the OK key.

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**Note:** For more information, refer to *"Change password"* on page 94.

---

3. If the phone asks for a PIN, use the keypad to enter the PIN and press either the **OK** soft key or the OK key. For further details, see *"Check PIN code"* on page 94.

   The phone searches for your network. Now you can make or receive calls.

---

**Note:** The display language is preset to Automatic at the factory. To change the language, use the **Language** menu. For more information, refer to *"Language"* on page 93.

---

4. When you wish to switch off the phone, press and hold the key until the power-off image displays.

## Setting Up Your Voice Mail

For new users, follow the instructions below to set up voice mail:

1. In Idle mode, press and hold the 1 key on the keypad.

   You may be prompted to enter a password.

2. Follow the tutorial to create a password, a greeting, and your name.

---

**Note:** These steps may be different depending on your network.

---

### *Accessing Your Voice Mail*

You can press and hold the 1 key on the keypad or use the phone's menu to access your voice mail. To access voice mail using the menu:

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Voice mail**.

2. Press **Call**. Your phone dials the specified voice mail number.
3. When connected, follow the voice prompts from the voice mail center.

# Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that display when the phone is in use.

## Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- 1.3 Megapixel Camera with 4x Digital Zoom
- Bluetooth® Wireless Technology
- User friendly, menu driven access to features and options
- Sound/Image media capability
- Fun & Apps feature provides files, games, music player, camera, organizer, and image editor.
- Organizer feature provides alarm, calendar, tasks, notes, calculator, tip calculator, world time, unit conversion, timer, and stopwatch.
- Web-enabled

## Front View of Your Phone

The following illustrations show the main elements of your phone:

## Keys

The following list correlates to the illustrations.

1. **Earpiece** allows you to hear the other caller and the different ring tones or sounds offered by your phone.
2. **Volume keys** allow you to adjust the Ring volume in standby mode (with the phone open) or adjust the Speaker volume during a call. When receiving an incoming call, if you press the volume key, you can mute the ring tone. If you press and hold the volume key, you can reject the call.
3. **Left Soft key** allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen.
4. **Messaging Shortcut key** allows you to access your Messaging Inbox, Drafts and Sentbox.

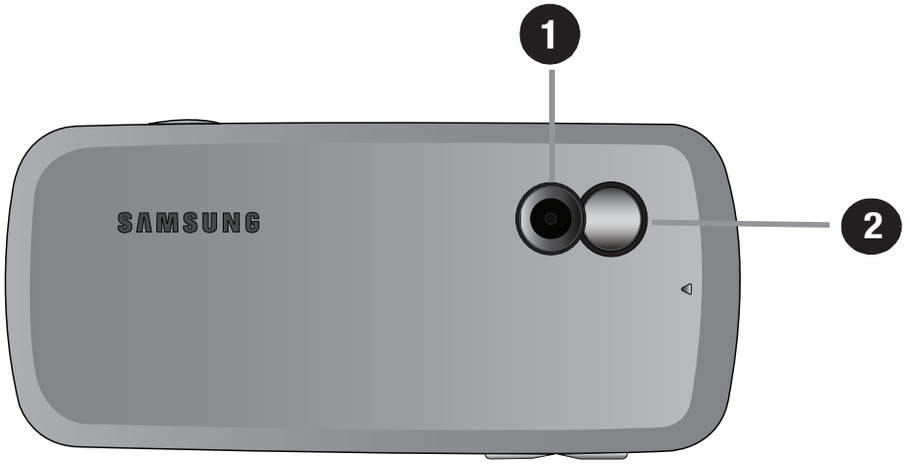
5. **Send key** allows you to make or answer a call. In Idle mode, it displays the Call records so that you can view All Calls, Missed Calls, Incoming Calls, and Outgoing Calls.
6. **Voice mail key** allows you to quickly access your voice mail. Press and hold this key for two seconds to automatically dial your voice mail's phone number.
7. **Alphanumeric keys** allow you to enter numbers, letters, and some special characters.
8. **Special Function keys** allow you to activate special features while in Idle mode. Press and hold the * key to lock the keypad. Press and hold the # key to turn on Vibration Mode.
9. **Microphone** is used during phone calls and allows other callers to hear you clearly when you are speaking to them. It is also used in making voice note recordings.
10. **Power On/Off (Exit) key** ends a call. Press and hold this key for two seconds to turn your phone on or off. While in the Menu mode, it returns the phone to Idle mode and then cancels your input.
11. **Cancel/Clear key** deletes characters from the display. In Menu mode, this key returns you to the previous menu level.
12. **Right Soft key** allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. It also provides quick access to your Browser in the Idle mode.
13. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.
14. **Navigation key** scrolls through the phone's menu options and acts as a shortcut key from Idle mode.
    In Idle mode:
    - **Up key**: allows you to directly access the Call records.
    - **Down key**: allows you to directly access the Contact list.
    - **Left key**: displays the New message screen so you can compose a new message.
    - **Right key**: launches the Calendar feature.
15. **Display** shows all the information needed to operate your phone, such as the received signal strength, phone battery level, and time.

This phone also offers the convenience of a slide-out QWERTY keyboard. To access the keyboard, rotate the phone 90 degrees to the left, then slide the top section of the phone up to open, as shown.

When you slide the phone open, the display rotates from a vertical viewing mode to a horizontal viewing mode.

## Back View of Your Phone

The following illustration shows the back, open view of the phone.




1. **Camera lens** allows you to aim and shoot a picture using the camera.
2. **Mirror** allows you to center the camera lens for self portraits.

## Side View of Your Phone

The following illustrations show the external elements of your phone

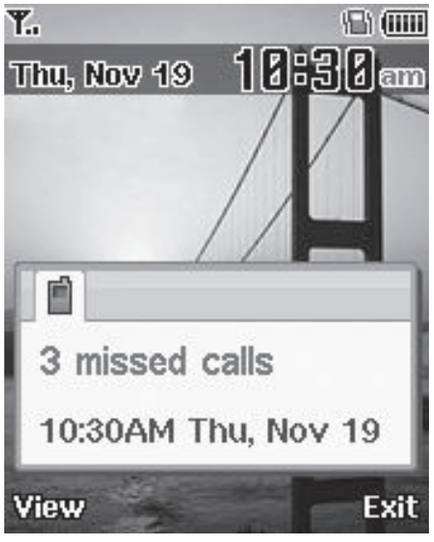
1. **Earpiece** allows you to hear the other caller and the different ring tones or sounds offered by your phone.
2. **Volume keys** allow you to adjust the Ring volume in standby mode (with the phone open) or adjust the Speaker volume during a call. When receiving an incoming call, if you press the volume key, you can mute the ring tone. If you press and hold the volume key, you can reject the call.
3. **Display** shows the received signal strength, phone battery level, and the time.
4. **Memory card slot** used to install an optional microSD™ (memory) card for additional data storage.
5. **Power/Accessory Interface connector** allows you to connect a power cable or optional accessories, such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.
6. **Camera key** allows you to take pictures when you are in camera mode. Press the Camera key to launch the camera.

## Display Layout

Your phone's display screen provides a wealth of information about your phone's status and options. The display has three areas:

## View Tab

When you receive new messages, icons display in two locations: on the View Tab that appears on the lower portion of the screen, and in the icon bar at the top of the screen.



### *Icons*

This list identifies the symbols you'll see on your phone's display screen:

Shows the received signal strength. The greater the number of bars, the stronger the signal.

Shows the level of your battery. The more bars you see, the more power remains.

Displays when a call is in progress.

Displays when the phone is not receiving a signal.

Displays when the phone is in Airplane mode.

Displays when Bluetooth wireless technology is active.

Displays when Vibration Mode is active.

Displays when you missed a call.

Displays when a new text message is received.

Displays when a new voice mail is received.

Displays when a new picture message is received.

Displays when you set an alarm to ring at a specified time.
For more details, see *"Alarm"* on page 81.

Displays when the Call Forwarding feature is active. For more details, see *"Call forwarding"* on page 99.

Displays when Incoming call is set to Vibration.

Displays when Incoming call is set to Melody and Vibration.

Displays when Incoming call is set to Vibration then Melody.

Displays when Incoming call is set to Melody then Vibration.

## Backlight

A backlight illuminates the internal display and the keypad. When you press any key, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting within the **Backlight** menu. The display turns off after one minute to conserve battery power.

The **Duration** setting is how long the keypad backlight is on. The **Dim** option is how much longer after the keypad backlight goes off that the display remains lit.

To specify the length of time the backlight is active, access the **Backlight** menu:

1. In Idle mode, press **Menu → Settings → Display settings → Backlight**.
2. Highlight the **Duration** option. Use the **Left** or **Right** Navigation key to select the time the backlight is on. You may choose between **10 sec, 15 sec**, or **30 sec**.
3. Press the **Down** key to set the **Dim** option. Use the **Left** or **Right** Navigation key to select the time the Dim mode is on. You may choose between **Off**, **5 sec**, **15 sec**, or **30 sec**.
4. Press the **Save** soft key to retain your settings.

### *Display*

Your phone has a display on the front of the phone. The display indicates when you receive an incoming call or message and also displays any alarms for the specified time. The backlight turns on and the corresponding icon displays on the screen.

The display shows the current time on a digital clock.

# Section 3: Call Functions

This section describes how to make or answer a call. It also explains the features and functionality associated with making or answering a call. For more information on Ringtones see *"Ringtone"* on page 87. For more information on Call Forwarding see *"Call forwarding"* on page 99.

## Making a Call

▶ When the idle screen displays, enter the number you wish to dial and press the key.

**Note:** When you activate the **Auto redial** option in the **Auto redial** menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail.

### *Making an International Call*

1. Press and hold the 0 + key. The **+** character displays.
2. Enter the country code, area code, and phone number.
3. Press the key to make the call.

### *Correcting the Number*

1. To clear the last digit displayed, press the key.
2. To clear any other digit in the number, press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to clear and then press the key. You can also enter a missing digit.
3. To clear the entire display, press and hold the key.

### *Ending a Call*

▶ Briefly press the key when you want to end your call.

### *Redialing the Last Number*

The phone stores the numbers of the calls you've dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. If you typed characters on the display, press the key to return to Idle mode.

2. Press the **Up** Navigation key to display a list of the most recent numbers used, in the order you dialed or received them.
3. Use the **Up** and **Down** Navigation keys to scroll through the numbers and highlight the number you want.
4. To view call time for this number press **View** (OK).

   Before you dial the number, you may also press the **Options** soft key to display the following options:

   - **Send message**: Allows you to send a Text message or Picture to the number.
   - **Save to phonebook**: Stores the number in your Phonebook.
   - **Delete**: Allows you to delete the selected number or All call records.
   - **Add to block list**: Adds the selected number to the blocked calls list.
5. Press **Call** (OK) to dial the number.

### *Making a Call from the Phonebook*

You can store regularly-used phone numbers into the phone's memory (Phonebook).

Once you store a number in the Phonebook, you can press only a few keys to dial the stored number. By using the Speed Dial feature you can also assign your most frequently-used numbers to number keys.

For further details about the Phonebook feature, see *"Understanding Your Phonebook"* on page 53.

## Adjusting the Call Volume

During a call, use the Volume keys on the left side of the phone, to adjust the speaker volume.

▶ Press the **Up volume** key to increase the volume level and the **Down volume** key to decrease the level.

In Idle mode, you can also adjust the ring volume using these keys.

---

**Important!:** For safety information related to Call Volume, see *"Responsible Listening"* on page 118.

---

## Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, or name if stored in Phonebook, displays.

1. Press the key or the **Accept** soft key to answer the incoming call.

If the **Any key** answer option in the **Answer options** menu is activated, you can press any key to answer a call except for the key and the **Reject** soft key.

**Note:** To reject an incoming call, press the **Reject** soft key or key.

2. Press the key to end the call.

**Note:** You can answer a call while using the Phonebook or menu features. After ending the call, the phone returns to the function screen you were previously using.

## Call Records

All incoming, outgoing and missed calls are listed in the Call Records.

▶ In Idle mode, press **Menu** ➔ **Call records**.

**Note:** While in Idle mode, press the **Up** Navigation key to access the call records for **Missed calls**, **Incoming calls**, **Outgoing calls** and **All calls**.

The following Call Record options are available:

### *All calls*

This menu lets you view the 90 most recent calls you received, dialed, and missed.

The name or number, if already stored in your Phonebook, displays with the number of occurrences for each number.

**Note:** At any time while you are in Call Records, you may use the **Left** or **Right** Navigation keys to scroll between **Missed calls**, **Incoming calls**, **Outgoing calls** and **All calls**.

### *Missed calls*

This menu lets you view the 30 most recent calls you received, but did not answer. The name and number, if already stored in your Phonebook, displays with the number of occurrences for each number.

### Viewing Missed Calls

When you are unable to answer a call for any reason, you can find out who is calling you, if this service is available, so that you can call the person back.

The number of calls you missed displays on the idle screen on the Missed Call tab, immediately after a call is missed.

To view a missed call immediately:

1. If the display is off, press the volume key to turn on the display.

   The Missed Call tab displays the last missed call.

   – or –

2. Press the **Up** Navigation key to view the **Call records**, then press the **Right** Navigation key to view the **Missed calls**.

The number corresponding to the most recently missed call displays, if available.

3. To scroll through the missed calls, press the **Up** or **Down** Navigation key.
4. Press to call the displayed number.

   – or –

   Press **View** OK to display call details.

5. Press the **Options** soft key for the following options:
   - **Send message**: Allows you to send a Text message or Picture back to the missed number.
   - **Save to phonebook**: Stores the number in your Phone memory (displays only if the number is not stored to the SIM card).
   - **Delete**: Allows you to delete the selected number or delete all call records.
   - **Add to block list**: Adds the selected number to the blocked calls list.

---

**Note:** You can press the key at any time to exit the **Missed Call** feature.

---

### *Incoming calls*

This menu lets you view the 30 most recent calls you received.

The name and number is then displayed with the number of occurrences for each number.

### *Outgoing calls*

This menu allows you to view the 30 most recent calls you dialed. The name and number displays with the number of occurrences for each number.

### *Delete all*

This menu allows you to delete all of the records in each call record separately, or you can delete all of your call records at one time.

1. Highlight the type of calls you want to delete and press the OK key to make a check mark.

---

**Note:** Selecting the **All calls** check box automatically selects all the entries in the **Delete all** menu.

---

2. Press the **Delete** soft key to delete the calls.
3. When a confirmation message displays, press the **Yes** soft key or OK key to confirm.

### *Call time*

This menu lets you view the time log for calls both made and received.

---

**Note:** The actual time invoiced may differ from times displayed due to network features and service plan.

---

The following time logs are available:

- **Last call time**: shows the length of your last call.
- **Total outgoing**: shows the total length of all calls made since the timer was last reset.
- **Total incoming**: shows the total length of all calls received since the timer was last reset.

---

**Note:** To change this password, see *"Change password"* on page 94.

---

## Vibration Mode

Vibration Mode is convenient when you wish to stop the phone from making any noise (in a theater for example).

In Idle mode, press and hold the # key until the "Vibration Mode On" message and the Vibration Mode icon ( ) display. In Vibration Mode, instead of sounds, your phone vibrates.

To exit and reactivate the previous sound settings, press and hold the # key again until the "Exit Vibration Mode" message displays. The Vibration Mode icon ( ) no longer displays.

## Selecting Functions and Options

Your phone offers a set of customizable functions. These functions are arranged in menus and sub-menus, and accessed using the two soft keys. Each menu and submenu allows you to view and alter the settings of a particular function.

### *Soft Keys*

The roles of the soft keys vary depending on the function you are currently using. The labels on the bottom line of the display, just above each key indicate their current role.

### Selecting Options

To view the various functions and options available, select the one you want by:

1. Pressing the appropriate soft key.
2. Selecting the displayed function or the highlighted option, press the **Select** soft key or the OK key.
3. Viewing the next function or highlighting the next option on a list, by pressing the **Down** Navigation key.
4. Moving back to the previous function or option on a list, by pressing the **Up** key.
5. Moving back up one level in the menu structure, by pressing the **Back** soft key.
6. Pressing the key to exit the menu structure without changing the settings.

In some functions, you are asked for a password or PIN. Enter the correct code and press the **OK** soft key or the OK key.

When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it.

### *Options During a Call*

Your phone provides a number of control functions that are available for use during a call.

#### Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

---

**Example:** You wish to say something to a person in the room but do not want the person on the phone to hear you.

---

To switch the microphone off temporarily:

- Press the **Mute** OK key. The other person can no longer hear you. The Mute icon ( ) displays at the bottom left of the screen.

To switch the microphone back on:

- Press the **Unmute** OK key. The other person can hear you again.

#### Putting a Call on Hold

You can place the current call on hold whenever you want. If your network supports this service, you can also make another call while a call is in progress.

To place a call on hold:

1. Press the **Options** soft key, highlight the **Hold** option, then press OK.
2. Press the **Resume** soft key to reactivate the call.

To make a new call while a call is in progress:

1. Enter the new phone number that you wish to dial or look it up in the Contact list.
2. Press the key to dial the second call.

   The first call is then automatically put on hold.

   – or –

1. Press the **Options** soft key, select **Hold**, and press the OK key. This places the currently active call on hold and allows you to make a new call.
2. Make the second call in the normal way.

When there is an active call and a call on hold, you may switch between the two calls by making the held call active and then placing the other call on hold.

To switch between the two calls:

1. Press the **Options** soft key, select **Swap**, and press the OK key. The current active call is placed on hold and the call on hold is then reactivated so that you can continue conversing with that person.
2. Press the key when you are finished or want to end the call.

### Using the Speakerphone

While on a call, you can use your Speakerphone by following these steps:

1. Press the **Spkr on** soft key.
2. To turn the Speakerphone off, press the **Spkr off** soft key.

---

**Important!:** For safety information related to speakerphone use, see *"Responsible Listening"* on page 118.

---

### Muting or Sending Key Tones

These options allow you to turn the key tones off or on. If the **Keypad tone** option is Off, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which then allows you to press keys without hearing annoying key tones during a call.

---

**Note:** To communicate with answering machines or computerized telephone systems, the **Send DTMF** option must be selected.

---

### Searching for a Number in Phonebook

You can search for a number in Phonebook during a call.

1. Press the **Options** soft key.
2. Press the **Down** Navigation key to highlight **Phonebook** and press the OK key.

3. Press the **Down** Navigation key to highlight the **Contact list** option and press the **Select** soft key or the OK key.

With the Phonebook entries displayed:

1. Enter the name that you wish to find in the textbox located above the entries. If you enter the first few letters of the name, the Phonebook entries display, starting with the first entry that matches your input.

   – or –

   Use the **Up** or **Down** Navigation key to highlight the contact that you desire.

2. To view the highlighted entry, press **View** OK. The Contact information displays.

---

**Tip:** For further details about the Phonebook feature, see *"Finding a Phonebook Entry"* on page 53.

---

### Call Waiting

The **Call waiting** option must be set to **Activate** before you can answer an incoming call while another call is in progress. For more information, refer to *"Call waiting"* on page 100.

You are then notified of an incoming call with a call waiting tone.

To answer a new call while another call is in progress:

1. Press either the **Accept** soft key or the key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Options** soft key, highlight **Swap** and press the **Select** soft key or the OK key.
3. To end a call on hold, press the **Options** soft key and select the **End held call** option. Then press the **Select** soft key or the OK key.
4. To end the current/remaining call, press the key.

### Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call.

For further details about subscribing to this service, contact customer service.

### Setting up a Multi-Party Call

1. Call the first participant in the normal way.
2. Press the **Options** soft key and select the **New call** option. Press the **Select** soft key or the OK key.
3. Call the second participant in the normal way. The first call is automatically placed on hold.
4. To join the first participant to this multi-party call, press the **Options** soft key and select **Join**.

---

**Note:** These first two calls are grouped together on screen and displayed with an adjacent number corresponding to the order in which the calls were made.

---

**Note:** There are a maximum of two callers that can be joined to a single multi-party line. You cannot create two multi-party calls.

---

### Having a Private Conversation With One Participant

When there are two participants in a multi-party session, it might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:

1. Press the **Options** soft key and choose the **Split** option. Press the **Select** soft key or the OK key.

   The short list of call participants then displays with the first caller selected.

2. Press the **Up** or **Down** Navigation key to highlight the person with which you want to talk privately, and press the **Select** soft key or the OK key.

---

**Note:** You can now talk privately to that person while the other participant is on hold.

---

3. To return to the multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the OK key. The other participant can now hear your conversation.

### Dropping One Participant

1. Press the **Options** soft key and choose the **Split** option. Press the **Select** soft key or the OK key. The short list of call participants displays.
2. Highlight the person you want to keep and press the **Select** soft key or the OK key.

3. Press the **Options** soft key and highlight **Remove**. Press the **Select** soft key or the OK key. The remaining participant on hold is highlighted.
4. Press the **Select** soft key or the OK key to drop the selected participant. This option allows you to continue talking to the other participants.
5. When you want to end the multi-party call, press the key.

# Section 4: Menu Navigation

This section explains menu navigation for your phone.

## Menu Navigation functions

You can tailor the phone's functions to your needs using menus and sub-menus. Menus and sub-menus are accessed by scrolling using the Navigation keys or by using the shortcuts.

### *Accessing a Menu Function by Scrolling*

1. In Idle mode, press **Menu**.
2. Scroll using the Navigation keys to reach a main menu (for example: **Settings**). Press the **Select** soft key or the OK key to enter the menu.
3. If the menu contains sub-menus, (for example, **Security**), after highlighting the sub menu, press the **Select** soft key or the OK key to access it.

   If the menu you selected contains further options, repeat this step.
4. To scroll through the menus, press the **Up** or **Down** Navigation keys.
5. To confirm the chosen setting, press the **Select** soft key, or the OK key.
6. To return to the previous menu level, press the **Back** soft key, or the ⊏ key.
7. To exit the menu without changing the settings, press the ⏻ key.

### *Using Shortcuts*

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by pressing the corresponding shortcut numbers (1 to 0).

---

**Example:** Accessing the **Security** menu.

---

1. Press the **Menu** soft key.
2. Press the 9 WXYZ key for **Settings**.

3. Press the 3 DEF key for **Phone settings**.
4. Press the 6 MNO key for **Security**.

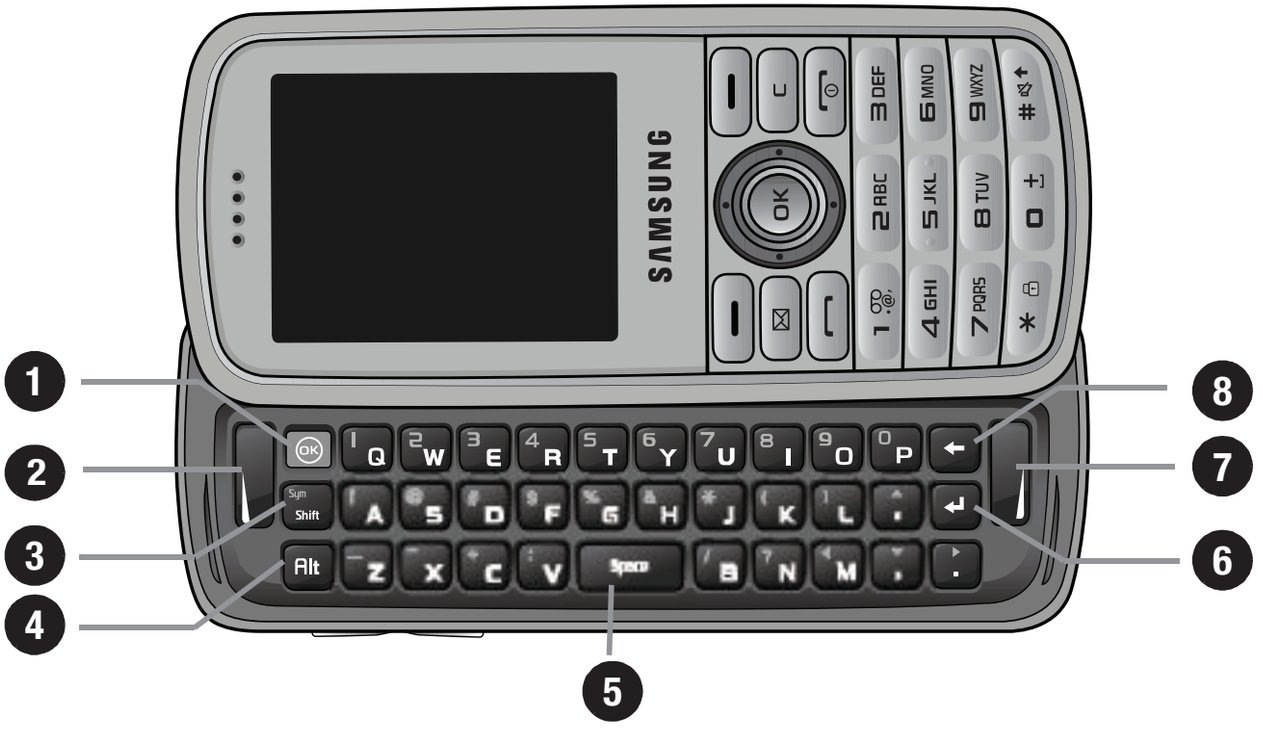
# Section 5: Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text system to reduce the number of key strokes associated with entering text.

## Using the QWERTY Keyboard

This phone also offers the convenience of a slide-out QWERTY keyboard. Using the QWERTY keyboard, you can type letters, numbers, punctuation, and other special characters into text entry fields or other applications simpler and faster than using the telephone keypad.

The following keys perform special functions when entering text:




1. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.
2. **Left Soft Key** allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen.

3. **Sym** displays the Symbols page. Choose from an extensive list of symbols and other character sets. **Shift** changes the text input mode to Upper/Lower case mode.
4. **Alt** allows you to use characters displayed at the top of the QWERTY keys. Examples: $, @, #, !
5. **Space** inserts an empty space.
6. **Return** moves the insertion point to the next line in a message.
7. **Right Soft key** allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. It also provides quick access to your browser.
8. **Backspace** deletes the previous character, similar to the backspace key on a computer keyboard.

The keyboard provides dual-use keys labeled with alphabetic characters on the lower half and numbers and symbols on the upper half. Press the key corresponding to the character you want to enter.

## Changing the Text Input Mode

When using your phone, you often need to enter text, such as when storing a name in your Phonebook, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:

- **T9 mode**: this mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, you press 5 JKL to enter J, or K. However, the T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring fewer keystrokes than the traditional ABC mode.
- **ABC mode**: this mode allows you to enter letters by pressing the key labeled with the corresponding letter.
- **Number**: this mode allows you to enter numbers.
- **Symbol**: this mode allows you to enter symbols, such as punctuation marks.

---

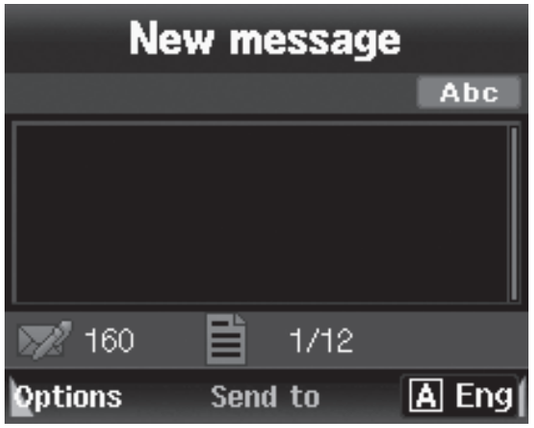
**Note:** When you are in a field where you can enter characters, the text input mode indicator displays at the bottom right of the screen.

---

**Example:** Writing a text message.

---

Create New Message Portrait Keypad




Create New Message Landscape Keyboard

1. Press the **Right** soft key ( — ) to change the text input mode.

   The following options are available:

   - T9 (English)
   - ABC mode
   - Number
   - Symbol

2. Enter text in the text message box using the selected text input mode when the Text input mode indicator that you desire displays.

## Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 mode:

1. When you are in T9 mode, press letter keys to enter a word. Press each key only once for each letter.

**Example:** To enter “Hello” in T9 mode, press the 4, 3, 5, 5, and 6 keys.

The word that you type displays on the screen. The word may change with each consecutive key that you press. You can change the word by pressing the * key or the Navigation Up or Down keys.

2. Enter the whole word before editing or deleting the keystrokes.
3. Press the 0 key to insert a space and begin entering the next word.

To enter periods, hyphens, apostrophes, and other special characters press and hold the * key then press the key that contains the associated symbol.

To shift case in T9 mode:

▶ Press the # key.

There are 3 cases: Capital lock, Initial capital, and Lower case.

**Tip:** You can move the cursor by using the Navigation keys.

To delete characters:

▶ Press the C key. Press and hold the C key to clear the display.

## Using ABC Mode

To use ABC mode, use the letter keys to enter your text.

1. Press the key labeled with the letter you want:
   - Once for the first letter, twice for the second letter, and so on.
2. Select the other letters in the same way.
   - To enter periods, hyphens, apostrophes, and other special characters, press and hold the * key then press the key that contains the associated symbol.
   - To shift case in ABC mode, press the # key. There are 3 cases: Capital lock, Initial capital, and Lower case.

**Note:** You can move the cursor by using the Navigation keys.

To delete letters:

▶ Press the C key. Press and hold the C key to clear the display.

**Note:** The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to automatically move to the right, and then select the next letter.

## *Keys*

By default, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase (unless the * key is used). After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order (lowercase characters shown in parentheses):

| | | | |
|---|---|---|---|
| 1 | .@,-?!:( ) /1 | 7 PQRS | PQRS7 (pqrs7) |
| 2 ABC | ABC2 (abc2) | 8 TUV | TUV8 (tuv8) |
| 3 DEF | DEF3 (def3) | 9 WXYZ | WXYZ9 (wxyz9) |
| 4 GHI | GHI4 (ghi4) | 0 | insert a space<br>inserts zero when held |
| 5 JKL | JKL5 (jkl5) | * | Press and hold to display symbols. |
| 6 MNO | MNO6 (mno6) | # | Press and hold to toggle from T9 mode to Text input mode. |

## Using Number Mode

The Number mode enables you to enter numbers into a text message.

▶ Press the keys corresponding to the digits you want to enter.

## Using Symbol Mode

Symbol mode enables you to insert symbols and punctuation marks into text. To display a list of symbols press and hold the * key until the symbols display on the screen, or press the Right — soft key and select Symbol.

1. To select a symbol, press the corresponding number key.
2. To display more symbols, press the Navigation keys.
3. To clear the symbol(s), press the C key. When the input field is empty, this key returns the display to the previous mode.
4. To insert the symbol(s) into your message, press the **OK** soft key or the OK key.

# Section 6: Messages

This section describes how to send or receive different types of messages. It also explains the features and functionality associated with messaging.

## Types of Messages

Your phone provides the following message types:

- Text Messages
- Picture Messages
- Voice Mail
- Broadcast Messages (SIM-Dependent)

## Display Icons for Messages

When your phone receives new messages, icons display on the screen in two locations: on the View Tab that displays on the lower portion of the screen, and on the icon bar at the top of the screen (see *"Display Layout"* on page 16.)

### *Message Icons on the Icon Line*

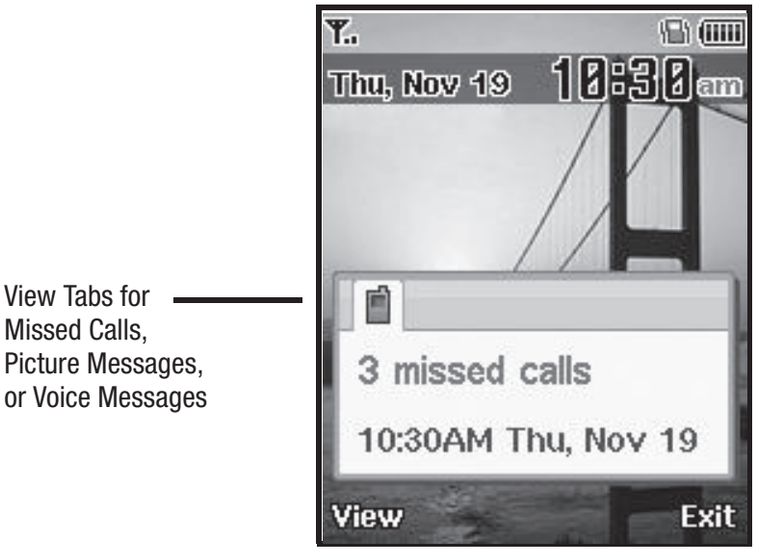
The icon displayed at the top of the screen indicates a new text message.

The icon indicates a new picture message was received.

The icon indicates a new voice mail message was received.

### *View Tab*

The View Tab is an area that displays on the screen when a missed call, picture message, or voicemail is sent to the phone.




There are three View tabs that display icons:

1. Text message
2. Missed Calls
3. Voicemail
4. Picture message

You can search through missed calls or unviewed messages by using the **Right** and **Left** navigation keys to select the associated message tab, then pressing the **Connect**, **Call**, or **View** soft key.

## Text Messages

Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. In addition, your phone supports the Enhanced Messaging Service (EMS), which enables you to include simple graphics, melodies, and animated images in your messages. To use this feature, you must subscribe to the message service.

The Message icon ( ) displays when you receive a new text message. When the phone's memory is full, the message icon flashes, and you cannot receive any new messages until you delete messages to clear memory space.

### *Create new*

In this menu, you can create and send a text message.

**Creating a Simple Text Message**

1. In Idle mode, press **Menu ➔ Messages ➔ Create new ➔ Text message**.
2. Create your message.

---

**Note:** For further details about entering characters, see *"Changing the Text Input Mode"* on page 33. SMS messages may contain up to 12 pages, of up to 160 characters per page.

---

3. Press the **Options** soft key when you finish entering your message. The following options are available:
   - **Insert from**: allows you to insert from the Text templates, Phonebook, or Bookmarks. The Text templates allow you to apply one of the preset message templates to the text. Select one of the 10 items stored in the Text Template menu. Phonebook allows you to add names and phone numbers to your message. Bookmarks allows you to add Internet addresses to your message.
   - **Add content**: allows you to add a Picture, Animation, or Melody to your message.
   - **Attach**: allows you to attach a Namecard, Schedule, Anniversary, Miscellaneous, Task, or Note to your message.
   - **Save to Drafts**: save the message to your Phone.
   - **Select language**: allows you to set the language to English, Français, and Español.
   - **Text style**: allows you to format the style of the text. For the Text size, Large, Medium, and Small sizes are available. Text mode options are Normal, Underline, and Strikethrough. The options for Bold and Italic are set by using the OK key to place a checkmark next to the style attribute. Alignment options are Left, Center, and Right.
   - **Exit composer**: exits the composer and displays the Create new screen.
4. Press **Send to** and select one of the following options:
   - **Recent recipients**: allows you to select a number or an address from the last 20 destinations you entered.
   - **Phonebook**: allows you to enter the phone number you want from your phonebook.
   - **New recipient**: allows you to enter a phone number.
5. Enter a number then press **Add**.

   The number you entered displays in the To field.
6. Press the **Add** soft key for the following options:

- **Recent recipients**: allows you to select from recipients of your previous messages.
- **Phonebook**: allows you to enter the phone number you want from your phonebook.
- **New recipient**: allows you to enter a phone number.

7. When you finish entering the destinations, press **Send**.

## Picture Messages

Your phone supports the use of Multimedia Messaging Service (MMS) to send Picture Messages to send and receive messages containing multimedia files, such as photos, sounds, and images you recorded. This function is available only if it is supported by your service provider. Picture messages can be sent to other mobile phones that support picture messaging. In addition to the text content, picture messages can contain images, graphics, voice, and audio clips.

The displays in your Inbox list to indicate any not yet retrieved Picture messages.

The Message icon ( ) displays once you successfully retrieve a new picture message from the voice mail server.

### *Create new*

This menu allows you to create a new picture message and send it to one or more recipients.

#### Creating and Sending a Picture Message

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Create new** ➔ **Picture message**.
2. Highlight **Subject** and press the OK key.
3. Enter the subject of your message and press **Save**.

---

**Note:** For more information about entering characters, see *"Using ABC Mode"* on page 35.

---

4. Highlight the **Image & Video** option and press the OK key.
5. Highlight one of the following options and press the **Add** soft key or the OK key.
   - **Take picture**: launches the camera for you to take a picture.
   - **Photos**: allows you to select a picture from your photos folder.
   - **Downloaded images**: allows you to select a previously downloaded image to send in the picture message.
   - **Record video**: allows you to record a video.

- **Downloaded videos**: displays a list of downloaded videos.
- **Videos**: displays a list of previously downloaded videos.
- **Memory card**: allows you to insert an image or video from the memory card. This option displays only if you have a memory card inserted.

6. If you selected **Take picture**, press **Add** to attach the photo to the message.

   – or –

   Select an image and press the **Add** soft key to add the photo to the message.

**To add a sound**

7. Highlight the **Sound** option and press **Add**.
8. Highlight one of the following options and press the **Select** soft key or the OK key.
   - **Record audio**: allows you to record a new voice message.
   - **Sounds**: allows you to select a sound from your Sounds folder.
   - **Voice list**: takes you to the Voice list (Recorded audio) folder to select a recording to add.
   - **Memory card**: allows you to insert an image, video, music, sounds, or Other files from the memory card. This option displays only if you have a memory card inserted.
9. Select a **Sound** or **Voice list** and press the **Add** soft key.
10. Highlight **Message** and press **Add**.
11. Enter your message and press **Save**.
12. To change the Subject or Message, select a category and press **Edit**.
13. To change the image or sound, select a category and press **Change**. Depending on the category selected, highlight Change to replace the item.
14. When you finish creating the message, press the **Send to** soft key.
15. Highlight one of the following send options, press the **Select** soft key or the OK key:
    - **Recent recipients**: allows you to select a number or an address from the last 30 destinations you entered.
    - **Phonebook**: allows you to enter the phone number you want from your phonebook.

- **New recipient**: allows you to manually enter a phone number.

The number or addresses selected displays in the **To** text box.

16. Press **Send** to send this Picture message.

## Inbox

The Inbox stores received messages. You can tell what kind of message was received by the icon displayed. If the icon envelope is open then the message was read, otherwise a closed envelope displays.

The following types of messages may display in your inbox:

1. Text messages
2. Picture messages

When you enter the Inbox, the list of messages displays with the sender's phone numbers, or names, if available in your Phonebook. After you read the message, the open envelope icon displays.

---

**Tip:** Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, **Sentbox**, and **Drafts**.

---

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Inbox**.

### *Viewing a Text Message from the Inbox*

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Inbox**.
2. Select a text message from the list and press the **Options** soft key.

   The following options display:

   - **Reply via**: allows you to send a reply to the sender by sending a Text message or Picture message.
   - **Call back**: Places a call back to the number.
   - **Forward**: allows you to forward the text message to another person.
   - **Delete**: deletes the selected text message or multiple messages.
   - **Move to phone/SIM card**: allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
   - **Sort by**: allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.

- **Lock/Unlock**: allows you to protect the message from deletion or unlock it for deletion.

3. Press **View** (OK) to read the message contents.
4. To scroll through the contents, press the **Up** or **Down** Navigation key.

   Press the **Options** soft key while reading a text message to display the following:

   - **Reply via**: allows you to send a reply to the sender by sending a Text message or Picture message.
   - **Call back**: Places a call back to the number.
   - **Forward**: allows you to forward the message to another number.
   - **Save address**: allows you to extract the sender's number and URL, or phone numbers from the message text, so that you can save them in your phone's memory.
   - **Delete**: allows you to delete the message.
   - **Print via Bluetooth**: allows you to print the message using a Bluetooth enabled printer.
   - **Move to phone/SIM card**: allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
   - **Lock/Unlock**: allows you to protect the message from deletion or unlock it for deletion.

### *Viewing a Picture Message from the Inbox*

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Inbox**.
2. Highlight an unretrieved picture message from the list and press the **Options** soft key.

   The following options display:

   - **Reply via:** allows you to send a reply to the sender by sending a Text message or Picture message.
   - **Reply all via:** allows you to send a reply to the sender by sending a Picture message.
   - **Call back:** allows you to call the sender back.
   - **Forward:** allows you to forward the message to another number.
   - **Delete:** deletes the selected picture message or multiple messages.
   - **Sort by**: allows you to sort your messages by Read/Unread, Date, Name, Type, Size, or Subject.
   - **Lock/Unlock**: allows you to protect the message from deletion or unlock it for deletion.

- **Properties**: displays information about the message, such as time and date the message was received, the sender's phone number, recipient's phone number, Cc, message size, priority, and class.

3. Press **View** (OK) to read the message contents.
4. To scroll through the contents, press the **Up** or **Down** Navigation key.
5. Press the **Options** soft key while reading a text message to display the following:
   - **Reply via:** allows you to send a reply to the sender by sending a Picture message or Text message.
   - **Reply all via:** allows you to send a reply to the sender by sending a Picture message.
   - **Call back:** allows you to call the sender back.
   - **Forward:** allows you to forward the message to another number.
   - **Replay**: allows you to review the picture message.
   - **Save address:** allows you to cut and paste the address to send a text message, or picture message.
   - **Save media:** allows you to save message media to your Image folder, Video folder, Sound folder, vCard, vCalendar. vNote, or Other file folder.
   - **Delete:** deletes the selected picture message.
   - **Lock/Unlock**: allows you to protect the message from deletion or unlock it for deletion.
   - **Properties:** shows you information about the message, such as time and date the message was received, the sender's phone number, recipient's address or phone number, Cc, message size, or priority.

### *Viewing a Picture Message When You Receive It*

When a new picture message comes in, the Missed messages tab displays the missed Picture Messaging Message icon.

1. From the Missed messages tab, press the **View** (OK) key to view the picture message.

---

**Note:** The message actually displays as a missed Picture message.

---

2. Press the **Exit** soft key if you want to view the message later in the Inbox.
3. Press the **Options** soft key or the (OK) key to access the various options described above.
4. Press the (⏻) key when you are finished.

## Drafts

This message box stores messages that you may want to edit or send at a later time.

When you enter this menu, the list of messages in the box displays.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Drafts**.

---

**Note:** Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, **Drafts**, and **Sentbox**.

---

2. Select a message from the list and press the **Options** soft key.

   The following options display:

   - **Edit**: allows you to edit the message.
   - **Send**: sends the message to Recent recipients, the Phonebook, or a New recipient.
   - **Delete**: deletes the selected draft message or multiple draft messages.
   - **Move to SIM card/Phone**: moves the selected draft message to the SIM card (if stored on the phone) or to the Phone (if stored on the SIM card).
   - **Sort by**: allows you to sort the messages stored in this folder by Date, Name, Type, Size, or Subject.
   - **Lock/Unlock**: locks the selected message to protect it from deletion, or unlocks the message to allow deletion.
   - **Properties**: displays information about the message, such as subject, time and date the message was composed, recipient's phone number, Cc, message size, and priority.

3. Highlight **Edit** and press the **Select** soft key or the OK key to edit the message contents.

   – or –

4. Press the **Send to** OK key (while viewing the message) to send the message.

5. Press the End key to return to the Idle screen.

---

**Tip:** Press the **Options** soft key while reading a message to select alternate options.

---

## Sentbox

This message box stores unsent messages.

When you enter this menu, the list of messages in the Sentbox displays with the recipients' phone numbers or names, if available in your Phonebook.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Sentbox**.

---

**Note:** Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, **Drafts**, and **Sentbox**.

---

2. Select a message from the list and press the **View** (OK) key to view or play the message contents.
3. To scroll through the contents, press the **Up** or **Down** Navigation keys.

---

**Tip:** Press the **Options** soft key while reading a message to select alternate options.

---

## Templates

Besides entering message text using the keypad keys, you can speed message composition by including copies of stored text (Templates) in your message.

▶ In Idle mode, press **Menu** ➔ **Messages** ➔ **Templates**.

The following options are available:

– Text templates
– Picture message templates

### Sending a Text template

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Templates** ➔ **Text templates**.
2. Select a template from the Templates list and press the **View** (OK) soft key.

   The template displays on the screen.
3. Press the **Send to** (OK) soft key, and select one of the following options:
   - **Recent recipients**: allows you to select a number or an address from the last 30 destinations you entered.
   - **Phonebook**: allows you to enter the phone number you want from your Phonebook.
   - **New recipient**: allows you to manually enter a phone number.
4. After selecting a recipient, press the **Send** (OK) soft key.

The template message sends to the select recipient(s).

### Sending a Picture message template

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Templates** ➔ **Picture message templates**.
2. Select a template from the Templates list and press the **View** OK soft key.

   The template displays on the screen.
3. Press the **Send to** OK soft key and select one of the following options:
   - **Recent recipients**: allows you to select a number or an address from the last 30 destinations you entered.
   - **Phonebook**: allows you to enter the phone number you want from your Phonebook.
   - **New recipient**: allows you to manually enter a phone number.
4. After you select the recipient, press the **Send** OK soft key.

   The template message sends to the select recipient(s), or selected destination.

## Voice mail

This menu provides you with a way of accessing your voice mailbox, if provided by your network.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Voice mail**.

---

**Note:** Before you can use the Voice Mail feature, you must obtain the voice server number from customer service.

---

2. Press the **Call** soft key to call your voice mail number.

---

**Tip:** In Idle mode you can also press and hold the 1 key to connect to the voice server.

---

Voice mail is a network feature. Please contact customer service for further details.

## Management

The **Management** menu allows you to select where your contacts are saved, delete your contacts, sort by contacts, or check your memory status.

▶ In Idle mode, press **Menu** ➔ **Messages** ➔ **Management**.

### *Messages Settings*

In this menu, you can set up a default text message or a picture message. The last setting you accessed is automatically activated for sending subsequent messages.

▶ In Idle mode, press **Menu ➔ Messages ➔ Management ➔ Messages settings**.

### *Text message*

- **Service center**: displays the phone number of your message center, which is required when sending messages.
- **Destination address**: allows you to enter a number that you would like to send all messages to. You can still message others, but this number always displays in the Recipient list.
- **Validity period**: allows you to set the length of time your text messages are stored at the message center while attempts are made to deliver them.
- **Reply path**: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
- **Delivery report**: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message was delivered.

### *Picture message*

Use the following options to set Send and Receive settings for Picture messages.

**Send Settings**

- **Delivery report**: when this option is enabled, the network informs you whether or not your message was delivered.
- **Read reply**: when this option is enabled, your phone sends a request for a reply along with your message to the recipient.
- **Priority**: you can select the priority level of your messages.
- **Expiry date**: set the length of time your messages are stored in the message center while the network attempts to deliver them. Selections are: 1 hour, 6 hours, 1 day, 1 week, or Maximum.
- **Delivery time**: you can set a delay time before the phone sends your messages. Selections are: Immediately, 1 hour later, 6 hours later, 12 hours later, 1 day later, 3 days later, 1 week later, or 1 month later.

**Receive Settings**

- **Anonymous reject**: you can set your phone to automatically reject anonymous messages.
- **Ads allowed**: you can set your phone to automatically receive advertising messages.
- **Report allowed**: you can set the option to receive a delivery report.

**Profile**

- **Current profile**: shows you the profile that is currently set for your messages.
- **Profile settings**: you can define up to five server profiles for your messages.

## Delete all

This menu allows you to delete all of the messages in each message box. Or, you can also delete all of your messages in all message boxes at one time.

---

**Important!:** Once messages are deleted, they cannot be recovered.

---

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Management** ➔ **Delete all**.
2. Press the **Up** or **Down** Navigation key to select a message box to clear. To delete all of your messages, select the **All** option.
3. Press the OK key to place or remove a check mark.
4. Press the **Delete** soft key to delete the marked objects.
5. After you receive the **Delete all unlocked messages?** confirmation, press **Yes** to delete or press **No** to cancel.

## Memory Status

To view the memory status:

▶ In Idle mode, press **Menu** ➔ **Messages** ➔ **Management** ➔ **Memory status**.

You can view the amount of the allocated memory and the memory available for picture messages.

The display shows the total space including the used and free space. You can also view how much space and the number of messages currently occupying each message box type:

- **Text Message** (saved on the phone)
  - **Phone**
  - **SIM card**
  - **Inbox**
  - **Sentbox**
  - **Draft**

- **Picture message**
  - **Inbox**
  - **Sentbox**
  - **Draft**
  - **Template**
- **Push messages**

## Broadcast Messages (SIM Card-Dependent)

This network service allows you to receive text messages on various topics, such as the weather or traffic.

▶ Please contact customer service center for further details.

### *Reading New Broadcast Messages*

This option allows you to read broadcast messages from the Archive or Temporary folders.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Broadcast messages**.
2. Select **Read**.
3. Select **Archive** to read the Broadcast messages that were archived.
4. Select **Temporary** to read the temporary Broadcast messages.

#### Receiving options

This option allows you to determine whether to receive or reject Broadcast messages.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Broadcast messages**.
2. Select **Receive**.
3. Highlight the **On** option and press the **Save** soft key to confirm your selection.

#### Channel options

This option allows you to select whether you want Broadcast messages received for all or respective channels.

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Broadcast messages**.
2. Select **Channel**.

3. Highlight **All channels** to receive Broadcast messages on all channels and press the **Select** soft key or the OK key.

**Language options**

1. In Idle mode, press **Menu** ➔ **Messages** ➔ **Broadcast messages**.
2. Select **Language**.
3. Highlight the language you want the broadcast messages to receive in and press the OK key.

   A check mark displays beside the selected language(s) to indicate their selection.

   – or –

   Press the **All** option to receive broadcast messages in all languages.

# Section 7: Understanding Your Phonebook

This section explains how to use and manage your Phonebook.

## Storing a Contact in the Phonebook

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Add new contact**.
2. Enter a first name in the **First Name** text box. Press the **Down** Navigation key to move to the next field.

   For information about entering characters, see *"Using ABC Mode"* on page 35.
3. Enter a last name in the **Last Name** text box.
4. Navigate to additional fields by pressing the **Up** or **Down** Navigation key to enter information in the text box. The following fields are available:
   - **Mobile**: assigns the number to the Mobile entry.
   - **Home**: assigns the number entered to the Home entry.
   - **Office**: assigns the number entered to the Work entry.
   - **Picture ID**: allows you to add a Picture ID assigned to the contact.
   - **Ringtone**: assign a Ringtone from Default melodies, Voice list, Sounds, or Music.
   - **E-mail**: allows you to enter the e-mail address for the contact.
   - **Fax**: assigns the number entered to the Fax entry.
   - **Other**: allows you to enter an additional phone number for this entry.
   - **Group**: allows you to assign this contact to a group.
   - **Notes**: allows you to enter additional information about the contact. Up to 50 characters are allowed.
5. Press OK to save your entries. The number saves to your selected destination and the new contact information displays.
6. Press the key to return to Idle mode.

## Finding a Phonebook Entry

You can store phone numbers and their corresponding names in the phone's built-in memory (the Phonebook).

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Contact list**.

**Note:** A Phone icon displays to the left of the entry.

2. Enter the first few letters of the name in the text box.

   The Phonebook entries are listed, starting with the first entry matching your input.

3. If needed, press the **Up** or **Down** Navigation key until the entry you want highlights.

4. Once you locate the entry, press the key to dial the number, or press the **Options** soft key to access the following Phonebook entry options:

   - **Edit**: modify the name and number of the selected contact.
   - **Send message**: send a text message or picture message to the selected number.
   - **New contact**: create a new contact.
   - **Call**: dials a call to the selected phone number.
   - **Assign speed dial**: assign a speed dial number to the selected Phonebook entry.
   - **Send name card via**: send your name card via Text message or Picture message, or to a Bluetooth-enabled device.
   - **Delete**: erases the selected contact, multiple contacts, or all contacts from the Phonebook. Press the **Yes** soft key to confirm the deletion.
   - **Add to block list**: adds the selected contact to the call block list.
   - **Copy to phone/SIM card**: copy the **Selected** contact, or **All** contacts, to the phone memory or SIM card, depending on where the contact was previously saved.
   - **Select language**: choose English, Français, or Español.

5. Press **View** to view contact information and select one of the following options:

   - **Edit**: modify the name and number fields in the entry. You can also add an e-mail address and notes.
   - **Send message**: allows you to send a message to the selected number. You may choose between Text message or Picture message.
   - **Assign speed dial**: allows you to assign a speed dial key number to the selected Phonebook entry.
   - **Send name card via**: allows you to send your name card via Text message, Picture message, or to a Bluetooth enabled device.
   - **Delete**: allows you to delete the selected name and number from your Phonebook. You are then asked to confirm the name and number deletion by pressing the **Yes** soft key. Press the **No** soft key to cancel the deletion.

- **Copy to phone/SIM card**: copies the selected or all of the contacts to the phone or SIM card. Depends on where the contact was previously saved.
- **Add to block list**: adds the selected contact to block (call) list.
- **Print via Bluetooth**: sends the contents of the selected text message to a Bluetooth enabled printer.

6. Press **Call** (OK) to dial the selected number.

## Dialing a Number from Phonebook

Once you store phone numbers in the Phonebook, you can dial them easily and quickly by using the location numbers assigned to them and listed in the Phonebook.

---

**Note:** If you cannot remember a location number, you must go into the **Contact list** menu in the **Phonebook** menu to search for the entry by name. For more information, refer to *"Finding a Phonebook Entry"* on page 53.

---

## Adding a New Caller Group

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Groups**.
2. Press the **Options** soft key and select the **Create new group** option.
3. Enter a name for the new group in the **Name** field.
4. Highlight the **Picture ID** field and press the (OK) key to create a Picture ID for this new caller group. Select from one of the following options:
   - **Take picture**: allows you to take a picture to use as a Caller ID photo.
   - **Photos**: displays a list of photos from which to select as a Caller ID.
   - **Downloaded images**: displays a list of downloaded images from which to select as a Caller ID.
   - **Icons**: displays a list of predefined Caller ID icons. Press the Right and Left Navigation key to display pages of icons from which to choose.
5. Highlight the **Ringtone** field and press the (OK) key to create a ringtone for this new caller group. Select from one of the following options:
   - **Default melodies**: displays a list of default melodies from which to select as a ringtone.
   - **Voice list**: displays a list of voice messages from which to select as a ringtone.
   - **Sounds**: displays a list of sounds from which to select as a ringtone.
   - **Music**: displays a list of music from which to select as a ringtone.

6. Press the **Save** soft key when you are finished.
7. Press the key to return to Idle mode.

## Editing a Caller Group

8. In Idle mode, press **Menu** → **Phonebook** → **Groups**.
9. Scroll through the group list, highlight the group you want, and press the **Options** soft key.
10. Highlight **Edit** and press the **Select** soft key or the OK key.
11. To edit the Caller group name, modify the text in the **Name** text box.
12. To change the image associated with the Caller group, press the **Down** navigation key to highlight the **Picture ID** icon. Press the OK key.

    The following options are available:

    - **Take Picture**: allows you to take a picture with your camera.
    - **Photos**: allows you to choose a photo from Photos folder.
    - **Downloaded images**: allows you to choose a photo from your Downloaded images folder.
    - **Icons**: allows you to choose from pre-defined icons.
    - **Remove Picture ID**: allows you to remove the Picture ID you have assigned to the group.
13. To change the ringtone associated with the Caller group, press the **Down** key to highlight the **Ringtone** icon. Press the OK key.

    The following options are available:

    - **Default melodies**: allows you to choose between 20 different melodies.
    - **Voice list**: allows you to assign a voice clip to this group.
    - **Sounds**: allows you to choose a sound from your Sounds folder.
    - **Music**: allows you to choose music from Music folder.
    - **Remove Ringtone**: allows you to remove the Ringtone you have assigned to the group.
14. Press the **Save** soft key when you are finished.
15. Press the key to return to Idle mode.

## Speed Dialing

Once you store phone numbers from your Phonebook list, you can set up to 8 speed dial entries and then easily dial them whenever you want, by pressing the associated numeric key.

▶ In Idle mode, to speed dial the numbers assigned to keys (2 to 9), press and hold the appropriate key.

### *Setting Up Speed Dial Entries*

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Speed dial**.
2. Use the **Up** or **Down** Navigation key to select the keypad number key to where you wish to assign the new speed-dialing number and press the **Add** soft key or the OK key.
3. Highlight a contact from the list and press the **Select** soft key or the OK key.
4. A **Saved** confirmation displays, and the **Speed dial** menu displays the contact number assigned to the speed dial key you selected.
5. Press the key to return to Idle mode.

---

**Note:** Memory location 1 is reserved for your Voice mail server number and this speed dial location can not be changed.

---

## Block list

The **Block list** allows you to block calls from selected contacts, and add or remove contacts from the blocked list of callers.

### Creating a Block list

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Block list**.
2. Highlight [Add to block list] and press the **OK** soft key.
3. Select one of the following options:
   - **Number**: enter a number to block.
   - **Contacts**: select contacts from the Phonebook to block.
   - **Recent contacts**: select a recent contact from the Recent contacts list to block.
   - **Unknown numbers**: add all unrecognized numbers (numbers not in the Phonebook or on the FDN list) to the block list.
   - **FDN contacts**: identify FDN contacts to block.

The selected contact(s) display and are added to the Block list.

### Removing contacts from the Block list

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Block list**.
2. Highlight the number to remove and press **Remove** (OK).
3. At the **Remove from block list?** prompt, press **Yes** to delete the selected contact, or press **No** to cancel.

   The selected contact(s) are removed from the Block list.

## Management

To access the Management menu:

▶ In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management**.

### *View Contacts*

This option allows you to view all the contacts stored on the SIM, Phone, or the Phone and SIM card.

### *Default saving*

**Default saving** allows you to choose where your contacts are saved from these options:

– **Phone**: new contacts are saved to your phone. This is the default setting.
– **SIM card**: new contacts are saved to your SIM card.
– **Ask on saving**: when saving a new contact, you'll be prompted to choose Phone or SIM card.

### *Copying all Phonebook Entries*

You can copy all Phonebook entries between the phone's memory and the SIM card.

---

**Note:** When storing an Address Book entry on the SIM card, only the Name, Number, and slot location are saved.

---

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** ➔ **Copy all to**.
2. Highlight **Phone** or **SIM card** and press the **Select** soft key or the (OK) key. By default, all the entries in the Contact list on the Phone or SIM card are selected. If there are any contacts in the list that you do not want to copy, press the (OK) key to remove the check mark displayed next to the contact.
3. Press **Copy** to copy the selected contacts to the Phone or SIM card.

### *Sort by contacts*

The **Sort by contacts** menu option allows you to set the sort function to alphabetize the contacts by **First name** or **Last name**.

### *Delete all*

This option allows you to delete all your contacts from the Phonebook.

---

**Important!:** Once Phonebook entries are deleted, they cannot be recovered.

---

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** ➔ **Delete all**.
2. Use the navigation key to choose from **All**, **Phone**, **SIM card**, or **SIM card(FDN)**, and then press the OK key to add a check mark to the box next to the option.
3. Press the **Delete** soft key.
4. When the **Delete?** confirmation message displays, press the **Yes** soft key to delete or press **No** to cancel.
5. Press the **Back** soft key or the key to return to Idle mode.

### *Memory status*

You can check how many names and numbers are stored in the Phonebook, within the Phone, the SIM, and the FDN. You can also see the current storage capacity of the memory.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Management** ➔ **Memory status**.
2. Press the key to return to Idle mode.

## Own number

This function is a memory aid, which you can use to edit or remove your own phone number. You can also edit the default name assigned to your phone number.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Own number**.
2. To edit, press the OK key. The cursor displays in the **Name** field.
3. Press the **Down** Navigation, press the key to erase the current entry, and type in a new number if desired.

4. Press the **Save** soft key when finished.

## FDN List

FDN (Fixed Dialing Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a defined set of phone numbers, known as the FDN List.

To use the FDN List, FDN mode must first be enabled in the Security settings. For more information on changing this setting, see *"Set FDN mode"* on page 95. To enable FDN mode, the PIN2 number is required. You can obtain your PIN2 from customer service.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **FDN list**.
2. Press **Options** ➔ **New FDN contact**.
3. Enter the **PIN2 code** (obtained from customer service center) and press the **OK** soft key.
4. Enter the name and number to be added to the FDN list.

## Service number

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

1. In Idle mode, press **Menu** ➔ **Phonebook** ➔ **Service number**.
2. Using the Navigation keys, scroll through the numbers.
3. To dial the number displayed, press the **Dial** soft key or key.
4. Press the key to return to Idle mode.

---

**Note:** This menu is available only when your SIM card supports Service Dialing Numbers.

---

# Section 8: Browser

This section outlines the Browser feature available on your phone. For more information, contact your service provider.

Your phone is equipped with a WAP (Wireless Application Protocol) browser which provides wireless access and navigation to the Web using your phone.

To access the Browser via the menu, follow these steps:

▶ In Idle mode, press **Menu** ➔ **Browser**.

To access the Browser directly, follow these steps:

▶ In Idle mode, press the **Browser** soft key to access the browser menu.

The following options are available:

### *Home*

Selecting this menu connects the phone to the network and loads the Browser homepage.

The content of the Browser start-up homepage depends on your Wireless Web service provider. To scroll through the screen, use the **Up** and **Down** keys.

To go to the start-up homepage from any other screen in the Browser, use the **Home** option. For more information on the Browser menus, see *"Selecting and Using Menu Options"* on page 62.

▶ In Idle mode, press **Menu** ➔ **Browser** ➔ **Home**.

### Exiting the Browser

▶ To exit the browser at any time, simply press the key.

### Navigating the Browser

1. To scroll through browser items, press the **Up** or **Down** Navigation key.
2. To select browser items, press the OK key.
3. To return to the previous page, press the **Back** soft key or the key.
4. Press the **Back** soft key until the startup **Home** page displays.

### Entering Text in the Browser

When you are prompted to enter text, the current text input mode is shown on the screen. The following modes are available:

- **Abc(ABC, abc)**: allows you to enter letters of the alphabet with initial upper case, or solid upper-case or lower-case.

**Tip:** Press the * key (portrait mode) or the Sym Shift (landscape mode) to enter symbols in upper-case or lower-case character mode.

- **Number**: allows you to enter numbers.
- **Sym**: allows you to enter symbols, such as punctuation marks.
- **Word**(**WORD, word**): allows you to enter words with only one keystroke per letter. Each letter is automatically compared with the series of keystrokes you make, and then compared with an internal linguistic dictionary to determine the most likely word.

To change the text input mode, use the following procedures:

1. Press the **Right** soft key one or more times.
2. To enter a space, press the 0 key (portrait mode) or the Space key (landscape mode).
3. To edit text, set the cursor to the right of the character(s) to be corrected.
4. Press the C key as required.
5. Enter the correct character(s).

### Selecting and Using Menu Options

Various menus are available when you are using the Browser to navigate the Wireless Web.

To access the browser options menu:

▶ Press the **Options** soft key.

**Note:** The menus may vary, depending on your version of the Browser.

The following options are available:

– **Reload**: reloads the current page.
– **Page size**: select the page size to view (Large, Normal or Small).
– **Go to**: navigates to the URL address, Homepage, Bookmarks, History, or Saved pages.
– **Save**: save the Image or Page.

– **Add to bookmark**: adds the current URL to Bookmarks.
– **Send URL via message**: sends the currently viewed URL to a recipient as a message.
– **Page details**: view details about the current page such as: Title, URL, Mimetype, and Size.
– **Browser settings**: various settings are available, see *"Browser Settings"* on page 64.
– **Exit browser**: exits the browser page you are viewing.

### *Enter URL*

This menu allows you to manually enter the URL address of a web site that you wish to access. For further details about entering characters, see *"Entering Text"* on page 32.

### *Bookmarks*

This menu stores up to 50 URL addresses.

To store a URL address:

1. In Idle mode, press **Menu** ➔ **Browser** ➔ **Bookmarks**.
2. Press **Options** ➔ **Add bookmark**.
3. Enter a name for the bookmark in the **Title** text box and press the **Down** key.

---

**Note:** For further details about how to enter characters, see *"Entering Text"* on page 32.

---

4. Enter the address in the URL text box and press **Save** (OK).
5. Highlight an item after saving a bookmark, then press the **Options** soft key to access the following:
   - **Edit bookmark**: modify the URL.
   - **Delete**: erase the selected address, or multiple addresses.
   - **Add bookmark**: enter a new URL as a bookmark.
   - **Send URL via message**: send the selected bookmark as a text message.
6. Select a URL and press **Go** (OK). Your browser displays the site.

### *Saved pages*

This option displays a list of the pages that were saved while navigating the browser.

### *History*

This option provides you with a list of the most recently visited web sites. You can use these entries to return to previously visited web pages.

### *Browser Settings*

Various settings are available when you are using the browser to navigate the wireless web.

### *Clear cache*

You can clear the information stored in the cache, which is the phone's temporary memory and stores the most recently accessed Web pages.

▶ Press the **Yes** soft key to confirm the deletion. Otherwise, press the **No** soft key.

### *Profile*

This menu allows you to change your browser profile.

#### Current profile

You can chose one of five profiles for your browser settings.

▶ Press the **Select** soft key to save the highlighted profile.

#### Profile settings

You can set the Profile name, Home URL, Bearer, and Proxy for your profiles.

1. Highlight the desired profile and press the **Select** soft key or the OK key.
2. When you have completed the entries, press **Save** soft key.

### *Cookies*

The Cookie mode allows you to define how your browser handles cookies. Options are: Accept all, Reject all, or Prompt before receiving a cookie.

#### Cookie mode

Cookie mode allows you to Accept all cookies, Reject all cookies, or Prompt you when a site wants to deposit a cookie.

### Delete cookies

Cookies identify who you are when you visit favorite web sites; however, they are also used to track your web surfing habits. Deleting all the cookies provides security.

1. Highlight **Delete cookies** and press the **Select** soft key or the OK key.
2. At the **Delete cookies?** prompt press **Yes**.

### *Preferences*

The Preferences option allows you to set Browser preferences such as Run JavaScript, Display images, Play sound, View mode, and Revalidate Cache.

### *Certificates*

The Certificates option allows you to view internet certificates.

- **Root Certificate**: provides several root certificates from which to choose.
- **CA Certificate**: provides several CA certificates from which to choose.

### *About browser*

About browser displays information about the browser such as the type and version.

# Section 9: Fun & Apps

This section outlines the applications available on your phone.

## Files

Use Files manage sounds and images, and view memory status in one convenient location.

▶ In Idle mode, press **Menu ➔ Fun & Apps ➔ Files**.

### *Sounds*

In this menu, you can view the list of sounds downloaded from the web server or received in picture messages. You can also set a downloaded sound as the current ring tone.

▶ In Idle mode, press **Menu ➔ Fun & Apps ➔ Files ➔ Sounds**.

#### Sounds

Highlight an item in the **Sounds** menu and press the **Options** soft key. The following options are available:

- **Send via**: sends the sound file as a Picture message or to a Bluetooth compatible device.
- **Set as**: sets the sound as a Ringtone, Individual ringtone, or Alarm tone.
- **Delete**: deletes the selected sound or multiple sounds.
- **Move to memory card**: moves the Selected, or Multiple, sound(s) to the Memory card.
- **Copy to memory card**: copies the Selected, or Multiple, sound(s) to the Memory card.
- **Rename**: change the name of the sound.
- **Bluetooth visibility**: select one or multiple sounds to share with other Bluetooth devices.
- **Lock/Unlock**: locks the sound to protect it from deletion or unlock it to allow deletion.
- **Properties**: displays the sound name, date, format, length, size, and Lock/Unlock status.

#### Voice list

The Voice list contains your recorded audio messages. Highlight an item and press the **Options** soft key. The following options are available:

- **Send via**: sends the audio message as a Picture message or to a Bluetooth compatible device.
- **Set as**: sets the audio message as a Ringtone, Individual ringtone, or Alarm tone.
- **Delete**: deletes the selected audio message or multiple audio messages.
- **Move to memory card**: moves the Selected or Multiple audio message to the Memory card.

- **Copy to memory card**: copies the Selected or Multiple audio message to the Memory card.
- **Rename**: changes the name of the audio message.
- **Bluetooth visibility**: select one or multiple voice messages to share with other Bluetooth devices.
- **Lock/Unlock**: lock the audio message to protect it from deletion or unlocks it to allow deletion.
- **Properties**: displays the audio name, date, format, length, size, and Lock/Unlock status.

### Memory card

In this menu you can view and manage the sound files stored on your memory card.

▶ Highlight a folder and press **Open** (OK) to view the files.

– or –

Press **Options**. The following are available:

- **Create folder**: allows you to create a new folder.
- **Bluetooth visibility**: allows you to share all the data on the memory card.
- **Properties**: allows you to view the details of the selected file or folder such as Name, Size, Contains, Created time, and Last modified time.
- **Memory card info**: allows you to view the Capacity, Used space, and Free space on the memory card.

## *Images*

In this menu, you can view the list of images downloaded from the web server, taken with the built-in camera, or received in messages. You can set an image as the current background image.

▶ In Idle mode, press **Menu → Fun & Apps → Files → Images**.

The following options are available:

### Photos

Using the Photos option you can view and manage your photos.

To change the background image:

1. In Idle mode, press **Menu → Fun & Apps → Files → Images → Photos**.
2. Make a selection and press the **Options** soft key.

### Photos Options

▶ While viewing a photo, press the **Options** soft key to choose from the following options:

- **Send via**: allows you to send the photo as a Picture message, or to another Bluetooth compatible device.
- **Set as**: allows you to set the photo as Wallpaper or as a Picture ID.
- **Delete**: allows you to delete the selected photo or multiple photos.
- **Move to memory card**: allows you to move the Selected or Multiple sound(s) to the Memory card.
- **Copy to memory card**: allows you to copy the Selected or Multiple sound(s) to the Memory card.
- **Edit image**: allows you to choose a new photograph for an outgoing message.
- **Rename**: allows you to rename the photo.
- **Display mode**: allows you to select Line view or Thumbnail view.
- **Slide show**: allows you to set the time for the slide show to cycle through the images. Choose 1 second or 3 seconds.
- **Bluetooth visibility**: allows you to select one or multiple sounds to share with other Bluetooth devices.
- **Print via Bluetooth**: sends the selected photo to a Bluetooth enabled device.
- **Lock/Unlock**: allows you to lock the photo to protect it from deletion or unlocks it to allow deletion.
- **Properties**: displays the image name, date, format, resolution, size, and Lock/Unlock.

### Downloaded images

This menu allows you to access your downloaded images on your phone or on the memory card.

▶ Scroll to the image you want to view and press the **Options** soft key to access the following options:

- **Send via**: sends an image via a Picture message or to a Bluetooth enabled device.
- **Set as**: sets the image as Wallpaper or Picture ID.
- **Delete**: deletes the selected image or multiple images.
- **Move to memory card**: moves the Selected or Multiple image(s) to the Memory card.
- **Copy to memory card**: copies the Selected or Multiple image(s) to the Memory card.
- **Rename**: changes the name of the image.
- **Display mode**: sets the display mode to Line view or Thumbnail view.
- **Slide show**: sets the time for the slide show to cycle through the images. Choose 1 second or 3 seconds.
- **Bluetooth visibility**: select one or multiple images to share with other Bluetooth devices.
- **Print via Bluetooth**: send the selected image to a Bluetooth enabled device.
- **Lock/Unlock**: lock the image to protect it from deletion or unlock it to allow deletion.
- **Properties**: displays the image name, date, format, resolution, size, quality, and Lock/Unlock.

### Memory card

In this menu you can view and manage the image files on your memory card.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Images** ➔ **Memory card**.
2. Highlight an item and press the **Options** soft key.

   The following options are available:

   - **Create folder**: create a new folder.
   - **Bluetooth visibility**: share all the data on the memory card.
   - **Properties**: view the details of the selected file or folder such as Name, Size, Contains, Created time, and Last modified time.
   - **Memory card info**: view the Capacity, Used space, and Free space on the memory card.

## *Videos*

In this menu, you can view the list of videos downloaded from the web, or received in picture messages. You can also view a video saved to your Videos folder or memory card.

This menu allows you to access your saved videos.

▶ In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Videos**.

The following options are available:

### Downloaded videos

The Downloaded videos option displays a list of videos downloaded from the web server or videos received in picture messages.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Videos** ➔ **Downloaded videos**.
2. Scroll to the image you want to view and press the **Options** soft key to access the following options:
   - **Send via**: send an image via a Picture message or via Bluetooth.
   - **Delete**: delete the selected image or multiple images.
   - **Move to memory card**: moves the selected image or multiple images to the memory card.
   - **Copy to memory card**: copies the selected image or multiple images to the memory card.
   - **Rename**: change the name of the image.
   - **Display mode**: set the display mode to Line view or Thumbnail view.

- **Bluetooth visibility**: share all the downloaded images with other Bluetooth enabled devices.
- **Lock/Unlock**: lock the image to protect it from deletion, or unlock an already locked image.
- **Properties**: displays the image name, date, format, resolution, size, length, quality, and Lock/Unlock status.

### Videos

The Videos option displays a list of videos stored in your Videos folder.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Files ➔ Videos ➔ Videos**.
2. Highlight a video and press the **Options** soft key to choose from the following options:
   - **Send via**: send the video via Picture message or to a Bluetooth enabled device.
   - **Delete**: delete the selected video or delete Multiple videos.
   - **Move to memory card**: move the selected video or multiple videos to the memory card.
   - **Copy to memory card**: copy the selected video or multiple videos to the memory card.
   - **Rename**: change the name of the video.
   - **Display mode**: display videos in Line view or Thumbnail view.
   - **Bluetooth visibility**: share the selected or multiple video files visible with other Bluetooth devices.
   - **Lock/Unlock**: lock the video to protect it from deletion, or unlock an already locked video.
   - **Properties**: displays the video Name, Date, Format, Resolution, Size, Length, Quality, and Lock/Unlock status.

### Memory Card

The Memory card option displays a list of video files on your memory card.

1. In Idle mode, press **Menu ➔ Fun & Apps ➔ Files ➔ Videos ➔ Memory card**.
2. Highlight an item and press the **Options** soft key.

   The following options are available:

   - **Create folder**: create a new folder.
   - **Bluetooth visibility**: share all the data on the memory card.
   - **Properties**: view the details of the selected file or folder such as Name, Size, Contains, Created time, and Last modified time.
   - **Memory card info**: view the Capacity, Used space, and Free space on the memory card.

### *Music*

In this menu you can review the Music you've downloaded or you can view music stored on the memory card.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Music**.
2. Highlight **Music** or **Memory card** and press the **Select** soft key or the OK key.
3. Select a music file and press the **Options** soft key to choose from the following options:
   - **Send via Bluetooth**: send the selected music file to a Bluetooth enabled device.
   - **Set as**: set the music file as a Ringtone, Individual ringtone, or Alarm tone.
   - **Delete**: delete the selected music file or multiple music files.
   - **Move to Phone/Memory card**: move the Selected or Multiple music files to the Phone or Memory card (depending on where the file is stored).
   - **Copy to Phone/Memory card**: copy the Selected or Multiple music files to the Memory card (depending on where the file is stored).
   - **Rename**: change the name of the music file.
   - **Bluetooth visibility**: select one or multiple music files to share with other Bluetooth devices.
   - **Lock/Unlock**: lock the music file to protect it from deletion or unlocks it to allow deletion.
   - **Properties**: displays the properties for the selected music file such as name, date, format, bitrate, length, size, and lock/unlock. Properties displayed depend on the format of the music file.

### *Other files*

In this menu you can view or store other types of files without corruption, various document files and files stored in the phone's memory, or on a memory card.

Available file formats are Microsoft Word, Adobe PDF, or Plain text.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Other files**.
2. Select **Other files** or **Memory card** and press the **Select** soft key or the OK key.
3. Select a file and press the **Options** soft key to choose from the following options:
   - **Send via**: send an other file via a Picture message or to a Bluetooth enabled device.
   - **Delete**: delete the selected music file or multiple other files.
   - **Move to memory card**: move the selected file or multiple files to the Memory card.

- **Copy to memory card**: copy the selected file or multiple files to the Memory card.
- **Rename**: change the name of the selected file.
- **Bluetooth visibility**: enable Bluetooth to share the selected file or multiple files with other Bluetooth devices.
- **Lock/Unlock**: lock the file to protect it from deletion or unlocks it to allow deletion.
- **Properties**: displays the Name, Date, Format, Size, and Lock/Unlock status for the selected file.

### *Memory card*

In this menu you can view and manage the images, videos, music, sounds, and other files stored on your memory card.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Memory card**.
2. Select a folder and press the Options soft key to display the following options:
   - **Create folder**: create a new folder.
   - **Bluetooth visibility**: share all the data on the memory card.
   - **Properties**: view the details of the selected file or folder such as Name, Size, Contains, Created time, and Last modified time.
   - **Memory card info**: view the Capacity, Used space, and Free space on the memory card.

### *Memory Status*

You can check the amount of memory being used and memory remaining for Fun & Apps, Sounds, Images, Videos, Music, Games, Other files, or Memory card.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Files** ➔ **Memory status**.
2. Press the **Left** or **Right** navigation keys to scroll between the memory status of Fun & Apps, or Memory card.

## Games

You can download MIDlets (Java applications that run on mobile phones) from various sources using the browser and then storing them in your phone.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔**Games**.
2. Highlight the **My Games** option and press the **Select** soft key or the OK key.

When you access the **Games** menu, the list of default games displays. Once you download new games, they are then added to the list.

**Note:** When downloading games, charges may apply. MIDlet game options differ depending on the MIDlet selected.

### *MIDlet Options*

1. In the **My Games** menu, scroll to the MIDlet application you want and press the **Options** soft key.

   The following options are available:

   - **Move to**: move the Selected or Multiple MIDlets to another folder.
   - **Delete**: delete a MIDlet.
   - **Lock/Unlock**: lock the MIDlet to protect it from deletion or unlock it to allow deletion.
   - **Properties**: displays information about the selected MIDlet such as: version, size, authorized, and vendor.
   - **Memory status**: displays the remaining memory for game files.

2. To exit and return to the **Games** list, press the **Back** soft key or the ⊏ key.

## Music Player

You can add music files, or play music stored in your playlist.

**Important!:** Before you can play music you must organize a playlist. For more information, refer to *"Creating a Playlist"* on page 75.

1. In Idle mode, press **Menu** ➔ **Music player**.
2. While playing the music, the following options are available:
   - **Pause**: pauses the Music player.
   - **Transfer to Bluetooth stereo headset**: play the music through the Bluetooth headset.
   - **Set as**: set this music file as a Ringtone, Individual ringtone, or Alarm tone.
   - **Add to**: add a selected music file, or all the music files to this playlist.
   - **Remove**: remove a selected music file, or all the music files from this playlist.
   - **Properties**: displays information about the music file.
   - **Shortcuts**: use the shortcuts associated with the Music player.
3. When you stop the music by pressing the Down navigation key, the following options are available:
   - **Play via**: select Phone or Bluetooth stereo headset for playing the selected music.

- **Set as**: set this music file as a Ringtone, Individual ringtone, or Alarm tone.
- **Send via Bluetooth**: send the selected music file to a Bluetooth enabled device.
- **Add to**: add a selected music file, or all the music files to this playlist.
- **Remove**: remove a selected music file, or all the music files from this playlist.
- **Properties**: displays information about the music file.
- **Shortcuts**: use the shortcuts associated with the Music player.

4. Highlight a music file, then press the **Options** soft key and select one of the following options:
   - **Add music from**: add a music file stored on the Phone or on the Memory card.
   - **Move to**: move the selected music file to one of the nine available playlists.
   - **Copy to**: copy the selected music file to one of the nine available playlists.
   - **Remove**: remove a selected music file, or all of the music files from this playlist.
   - **Set as**: set this music file as a Ringtone, Individual ringtone, or Alarm tone.
   - **Send via Bluetooth**: send the selected music file to a Bluetooth enabled device.

5. Select a music file and press **Play** (OK) to play the music.

### *Music Player Shortcut Keys*

1. In Idle mode, press **Menu** → **Music player**.
2. Select a music file and press **Play** (OK) to play the music.
3. While playing a music file, the following keys act as shortcuts:

**Up** Navigation key toggles the music player's **Shuffle** feature: **On** (enable this feature), or toggles to the repeat mode and replays this music file.

**Down** Navigation key stops the playback of the music file.

**Left** Navigation key plays the previous music file in the playlist. You can also use to rewind (REW).

**Right** Navigation key plays the next music file in the playlist. You can also use to fast-forward (FF).

4. Press the (⏻) key to exit and return to Idle mode.

### *Creating a Playlist*

Before music can be played directly via the Music Player, it is necessary that the desired playlist be active before music is added. Unless otherwise selected, Playlist 1 is the default playlist when new music is added from either the phone or memory card.

1. In Idle mode, press **Menu** ➔ **Music player**.
2. If this is the first time you are creating a playlist, press **Next** or skip to step 3.
3. Select a playlist and press **Open**.
4. Press **Options** ➔ **Add music from** and press the **Right** Navigation key.
5. Select **Phone** or **Memory card**.
6. Select a music file and press **Add**.

   The song is added to the selected playlist.

## Camera

For information on using your camera, see *"Camera"* on page 102.

### *Organizer*

The Organizer allows you to set alarms, schedule appointments, view the calendar, create Tasks, create Notes, perform simple math calculations, calculate tips, check world time, perform unit conversions, set a timer, and use a stopwatch. For more information, refer to *"Organizer"* on page 77.

▶ In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer**.

## Image editor

The Image editor option allows you to edit the selected image by adding effects, adding a frame, emoticon or clip art. You can also set the edited image as wallpaper or a Picture ID icon.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Image editor**.
2. Press **Options** ➔ **New image** and press the **Right** Navigation key.
3. Select **Open** or **Take photo**.
4. Select a photo or take a picture and press **Load**.
5. Press **Options** and select one of the following:

- **Send via**: send this image via a Picture message or to a Bluetooth enabled device.
- **New image**: open a new image, or take a photo.
- **Save as**: rename and save this image.
- **Effects**: adds a special effect to the image such as: No effects, Black & White, Negative, Sepia, Blur, Sharpen, Sketch, Posterise, and Solarise.
- **Adjust**: adjusts the brightness, contrast or color
- **Transform**: rotates or flips the loaded image.
- **Insert**: inserts a Frame, Emoticon or Clip Art into the current image screen.
- **Set as**: displays the selected image as Wallpaper or as a Picture ID icon.
- **Bluetooth visibility**: enable Bluetooth to share the selected image with other Bluetooth devices.
- **Print via Bluetooth**: send the selected image to a Bluetooth enabled device.
- **Undo**: undo changes to images.

6. Press the **Back** soft key or the key to exit and return to Idle mode.

# Section 10: Organizer

The Organizer allows you to create tasks and notes, perform simple math calculations, check world time, perform unit conversions, set a timer, and use a stopwatch.

## Tasks

This feature allows you to enter a task list.

▶ In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Tasks**.

1. Press **OK** to create a new task.
2. Enter a short description of the task in the **Task** text box then press the **Down** Navigation key.
3. Continue to enter other information including Start date, Due date, Priority, Alarm, before, Alarm time, AM/PM, and Alarm tone.
4. Press **Save** when you are finished. Your Task list saves to the Calendar.

### Editing the Tasks List

When you select the Tasks list menu, the current contents display with a status checkbox and a priority marker.

If the item was done, a check displays in the checkbox.

High priority items have a red colored dot, Normal priority items have a blue colored dot, and Low priority items have a gray colored dot.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Tasks**.
2. Highlight a task from the list, then press **View** (OK).
3. Highlight a field to edit and press **Edit** (OK).
4. Edit the items you wish to change and press **Save** (OK) when your edits are complete.

## Notes

This option allows you to create notes to add to your events.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Notes**.

2. Press **OK** to create a new note.

   A blank Notes screen displays.

3. Enter your text and press **Save** (OK).

## Calculator

With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Calculator**.
2. Enter the first number using the numeric keys.
3. Use the Navigation keys to select the calculation method, according to the illustration on the display.
4. Enter the second number using the numeric keys.

---

**Note:** The * key is used for the decimal. The # key is also used to create brackets.

---

5. Press the (OK) key to view the result.

   Repeat steps 1 to 4 as many times as required.

6. Press **Options** and select a math function from the list.

## Tip calculator

This feature provides the percentage amount for tip. Use the following procedures to calculate a tip amount.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Tip calculator**.
2. In the **Bill** field, enter the check amount.

---

**Note:** To enter the decimal point for the exact dollar amount, use the * key.

---

3. Use the **Down** Navigation key to highlight **Tip(%)** percentage. 15 is the default value but you can change this value.

   The **Tip($)** field value calculates according to the values entered.

4. Use the **Down** Navigation key to move to the **# paying** field to change the number of people contributing to the tip amount.
5. The **You pay** field displays the total for each individual.

## World time

This feature allows you to find out what time it is another part of world, using the **Left** and **Right** Navigation keys.

There are two time lines available. You can set the first setting to your home city and then use the second setting to check other city times.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **World time**.
2. Press the Left or Right Navigation key to locate the desired time zone.
3. Press **Set DST** to view Daylight Saving Time for the selected time zone.

## Unit conversion

The conversion menu provides the following conversion categories:

– **Currency**
– **Length**
– **Weight**
– **Volume**
– **Area**
– **Temperature**

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Unit conversion**.
2. Scroll to the conversion feature you wish to use and press the **Select** soft key or the OK key.
3. Use the **Up**, **Down**, **Left**, and **Right** navigation keys to select the From and To units of measure for the quantity you want converted.

---

**Note:** To include a decimal point, press the * key.

---

4. Press the **Back** soft key to return to the **Unit conversion** menu.

## Timer

You can use this menu to set a timer. To enable the Timer, use the following options:

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Organizer** ➔ **Timer**.
2. Press the **Set** soft key and enter the length of time as **HH:MM** and press **OK**.
3. Press **Start** OK key to start the timer. Press **Stop** OK to stop the timer.
4. Press **Reset** to reset the counter and enter a new time.
5. Press when you are finished.

## Stopwatch

This feature allows you to use a stopwatch. Press **Start** OK key to start the stopwatch. Press **Reset** to erase all previously recorded stopwatch times. Press **Stop** OK to view the lap time. You can view up to 3 lap times.

# Section 11: Alarm

This feature allows you to:

- Set up to 3 alarms to ring at specified times.
- Set the phone to switch on automatically and ring the alarm even if the phone is switched off.

The following options are available:

– **Alarm1**: set the day, time, and tone for this alarm.
– **Alarm2**: set the day, time, and tone for this alarm.
– **Alarm3**: set the day, time, and tone for this alarm.
– **Auto power-up**: alarm rings at the specified time even if the phone is turned off.
If the option is set to **Off** and the phone is switched off at the specified time, the alarm does not ring.

To set the alarm:

1. In Idle mode, press **Menu** ➔ **Alarm**.
2. Select an alarm and press the **Select** soft key or the OK key.
3. Press the **Right** navigation key to set Alarm to **On**.
4. Press the **Down** key to highlight the **Alarm time** option. Enter the time you want the Alarm to sound.
5. After the time is entered, press the **Down** key to highlight the **AM/PM** option. Press the **Right** navigation key to set to **PM**.
6. Press the **Down** key to highlight the weekday checkboxes. Press the OK key to display a list of days.
7. Press OK to place a checkmark next to the days you want the alarm to sound. To place or remove a check mark, press the OK key. Press the **OK** soft key to confirm your selections.
8. Press the **Down** key to highlight the **Alarm tone** option. Press the OK key to display a list of Basic alarm tones.

**Tip:** Press the Left or Right Navigation key to move to Default melodies, Voice list, Sounds, or Music. Any of these tones or melodies can be used as the alarm tone.

9. Highlight a default alarm tone or melody and press **Select**.

10. Press **Save** to confirm your settings or **Cancel** to return to the Alarm screen.
11. Press the key to return to Idle mode.

---

**Note:** Your phone is preset to a 12-hour format. To change the time format, see *"Time & date"* on page 92.

---

12. To stop the alarm when it rings, press any key or press the **Snooze** soft key.

# Section 12: Calendar

This section outlines the calendar functions on your phone.

With the Calendar feature, you can:

- Consult the calendar by month, week, or day.
- Set schedules and note anniversaries
- Make a tasks list.
- Write memos to keep track of your schedule.
- Set an alarm to act as a reminder, if necessary.
- Check your memory status.

To navigate to the Calendar:

▶ In Idle mode, press **Menu** ➔ **Calendar**.

When you select the **Calendar** menu, the following options are available:

## Month view

When you select this option, the calendar displays the selected month with today's date highlighted.

At the bottom of the calendar, the following icons are displayed along with the number of entries for each:

Schedule items

Anniversary events

Miscellaneous items

Tasks items

The number of entries next to each icon reflects the number of entries for the selected day on the calendar.

The following options are available when you press the **Options** soft key:

– **View mode**: displays the Day view or Week view for the selected day.
– **Create new**: create a Schedule, Anniversary, Miscellaneous, or Task.
– **Go to**: takes you to Today's date or the date you enter.

– **Delete**: erases all events for a selected date, all events for a specified period, or all events for this month. You can also delete all events.

## Week view

When you select this option, the calendar displays the selected week with today's date and time highlighted. The following options are available when you press the **Options** soft key:

– **View mode**: takes you to the Day view or Month view for the selected day.
– **Create new**: allows you to create a Schedule, Anniversary, Miscellaneous, or Task.
– **Go to**: takes you to today's date or the date you entered.
– **Delete**: allows you to delete all events for a selected date, delete all events for a specified period, delete all events for this week. You can also delete all events.

## Day view

Day view displays the selected day with any events listed.

1. Press **Options** to view the following options:
   - **Create new**: create a Schedule, Anniversary, Miscellaneous, or Task.
   - **Send via**: send this event via a Text or Picture message, or to a Bluetooth enabled device.
   - **View mode**: choose between Month view or Week view.
   - **Delete**: delete all events for a selected date, or all events for this day. You can also delete all saved events.
   - **Print via Bluetooth**: send the selected image to a Bluetooth enabled device.
2. Press **View** (OK) to view the information about the selected event.

## Schedule

This option allows you to write memos to a schedule.

1. In Idle mode, press **Menu** ➔ **Calendar** ➔ **Schedule**.
2. Press **Options** ➔ **Create new**.
3. Enter the subject in the **Subject** text box then press the **Down** soft key.
4. Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, AM/PM, Location, Alarm, before, Alarm tone, Repeat and until.
5. Press **Save** (OK). Your Schedule information saves to the Calendar.

## Anniversary

This option allows you to record Anniversaries in your calendar. You can also set an alarm to remind you of important anniversaries.

1. In Idle mode, press **Menu** ➔ **Calendar** ➔ **Anniversary**.
2. Press **Options** ➔ **Create new**.
3. Enter the occasion in the **Occasion** text box then press the **Down** soft key.
4. Continue to enter other information including Date, Alarm, before, Alarm time, AM/PM, Alarm tone, and Repeat every year.
5. Press **Save** (OK). Your Anniversary information saves to the Calendar.

## Miscellaneous

This option allows you to record miscellaneous dates or events in your calendar.

1. In Idle mode, press **Menu** ➔ **Calendar** ➔ **Miscellaneous**.
2. Press **Options** ➔ **Create new**.
3. Enter the subject in the **Subject** text box then press the **Down** soft key.
4. Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, AM/PM, Alarm, before, and Alarm tone.
5. Press **Save** (OK). Your Miscellaneous information is then saved to the Calendar.

## Missed alarm events

You can check on all of the events that you have set an alarm on.

1. In Idle mode, press **Menu** ➔ **Calendar** ➔ **Missed alarm events**.
2. To view event information, highlight an event and press the (OK) key.

   The missed alarm event information displays.
3. To acknowledge and remove the event, press the **Confirm** soft key or the (OK) key. The event is removed from the **Missed alarm events** menu.

## Memory status

This menu item shows the number of calendar events you presently have and how many more you memory space for. It displays your events such as Schedule, Anniversary, and Miscellaneous.

▶ In Idle mode, press **Menu** ➔ **Calendar** ➔ **Memory status**.

# Section 13: Changing Your Settings

This section explains settings for your phone, including display, security, memory, and any extra settings.

## Sound settings

You can customize various sound settings.

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Sound settings**. The following options display:

### *Incoming call*

#### Ringtone

This menu allows you to select a ring melody.

1. Highlight the **Ringtone** field and press **Change** (OK).
2. Use the **Navigation** keys to highlight a ring tone or press the **Left** or **Right** Navigation key to select a file from either the **Default Melodies**, **Voice list, Sounds,** or **Music** folders.
3. Press **Play** (OK) to listen to a sample of the selection. Press **Stop** (OK) when finished.
4. Press **Select** to enter the new ringtone.

#### Volume

This menu allows you to adjust the ring volume to one of 7 levels.

1. Use the **Right** or **Left** Navigation key to increase or decrease the volume, or select Silent mode or Vibration mode.
2. Press **Save** to confirm your selection.

#### Alert type

This menu allows you to specify how you are to be informed of incoming calls.

▶ Use the **Right** or **Left** Navigation key to select an Alert type:

- **Melody**: the phone rings using the ring melody selected in the Ringtone menu.
- **Vibration**: the phone vibrates but does not ring.
- **Melody and vibration**: the phone plays the melody and vibrates simultaneously.

- **Vibration then melody**: the phone vibrates 3 times and then starts ringing.
- **Melody then vibration**: the phone plays the melody and then vibrates.

### *Message tone*

This menu allows you to set up the ringer for incoming messages. You can set the Tone, Alert type, and Repetition.

1. Highlight the **Tone** field and press **Change** (OK).
2. Select a tone and press **Play** (OK) to listen to a sample of the tone. Press **Stop** (OK) when finished.
3. Press **Select** to enter the new message tone.
4. Scroll to **Alert type** and **Repetition**, make the selection, then press **Save**.

### *Keypad tone*

This menu allows you to select the tone and volume of the tones that the phone sounds when you press keys.

1. Highlight the **Key tone** field and press **Change** (OK).
2. Highlight a selection: **Xylophone**, **Beep**, or **Voice** and press **Play** (OK) to listen to a sample of the tone. Press **Stop** (OK) when finished listening.
3. Press **Select** to enter the new keypad tone.
4. Scroll to **Volume** and press the **Left** or **Right** Navigation keys to adjust the volume.
5. Press **Save** to confirm your selections.

### *Power-on/off tone*

This menu allows you to select whether the want the phone to sound a tone when it is switched on and off.

1. Select **On** or **Off**.
2. Press **Save** to confirm your selection.

### *Slide tone*

This menu allows you to choose from four tones, or **Off** when sliding the phone open.

### *Extra tones*

You can customize additional tones for the phone.

1. Press the OK key to select a tone. A check mark displays in front of the option.
2. Press **Save** to confirm your selection.

The following options are available:

– **Minute minder**: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
– **Connection tone**: sets whether or not the phone beeps when your call is connected to the system.
– **Alerts on call**: sets whether or not you receive tones when a message arrives while you are on a call.

## Vibration mode

Vibration Mode is convenient when you wish to stop the phone from making any noise, (in a theater for example).

1. In Idle mode, press and hold the # key until the "**Vibration Mode On**" message and the **Vibration Mode** icon ( ) display.
2. Press and hold the # key until the "**Exit Vibration Mode**" message displays. The **Vibration Mode** icon ( no longer displays.

## Display settings

In this menu, you can change various settings for the display or backlight.

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Display settings**. The following options display:

### *Wallpaper*

This menu allows you to change the background image to be displayed in Idle mode.

To change the background image:

1. Choose a wallpaper selection from the following:
   - **Default wallpapers**: choose from a list of wallpapers included with your phone.
   - **Photos**: choose a photo from Photos folder.
   - **Downloaded images**: choose a photo from your downloaded images folder.
2. Press **Save** to update the wallpaper.
3. Press **Back** to return to the **Display settings** menu.

### *Theme*

This menu allows you to change the background color to Black or White.

### *Home Screen*

This option allows you to display the Calendar as a background wallpaper or select None.

### *Info display*

This menu allows you to select the text size and color for your font.

To change the size of the font:

1. Highlight the **Text style** option and press the **Left** or **Right** Navigation key to select between: **Outline**, **Shadow**, or **Normal**.
2. Press **Save** to save your change. Otherwise, press the **Cancel** soft key.

To change the color of the font:

1. Highlight the **Text color** option and press the **Left** or **Right** Navigation key to select between: **White**, **Yellow**, **Blue**, **Green**, **Red** or **Black**.
2. Press **Save** to save your change. Otherwise, press the **Cancel** soft key.

### *Dialing display*

This menu allows you to select the size and color of your dialing font and the background color.

To change the size of the font:

1. Highlight the **Font size** option and press the **Select** soft key or the OK key.
2. Use the **Left** or **Right** Navigation key to select between: **Large**, **Medium**, or **Small**.
3. Press **Save** to save your change. Otherwise, press the **Cancel** soft key.

To change the color of the font:

1. Highlight the **Font color** option and press the **Select** soft key or the OK key.
2. Use the **Left** or **Right** Navigation key to select either **Basic** (black or white), **Monochrome**, or **Gradation**. If you select **Monochrome** or **Gradation**, select another option by using the **Down** Navigation key and then scroll through the available choices. Choose from up to 15 different options.

3. Press **Save** to save your change. Otherwise, press the **Cancel** soft key.

To change the background color:

1. Highlight the **Background color** option and press the **Select** soft key or the OK key.
2. Use the **Left** or **Right** Navigation key to select between 19 different colors or **None**.
3. Press **Save** to save your change. Otherwise, press the **Cancel** soft key.

### *Greeting message*

This menu allows you to set a greeting to be displayed briefly when the phone is switched on.

For details about entering characters, see *"Entering Text" on page 32.*

### *Backlight*

In this menu, you can select the length of time that the keypad backlight is on and how much longer the display is illuminated before going off.

#### Duration

The **On** setting is how long the keypad backlight is on. You can select **10 sec**, **15 sec**, or **30 sec**.

The **Dim** option is how long the display remains lit after the keypad backlight goes off. Choose from **5 sec**, **15 sec**, **30 sec**, or **Off**.

1. Press the **Left** or **Right** Navigation keys to change each field's settings.
2. Press **Save** to save your changes, or **Cancel** to cancel.

### *Brightness*

You can adjust the display brightness to see it better in different lighting conditions.

1. Press the **Left** or **Right** Navigation keys to change your settings.
2. Press **Save** to save your changes, or **Cancel** to cancel.

## Phone settings

You can customize various phone settings.

▶ In Idle mode, press **Menu → Settings → Phone settings**. The following options display:

### *Time & date*

This menu allows you to change the current time and date displayed.

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Time & date**.

The following options are available:

- **Time zone updating**: allows you to receive time information from the network.
  - **Automatic**: the phone automatically updates the time and date according to the current time zone using the network service.
  - **Manual only**: you need to manually set the time and date according to the current time zone using the **Set time** menu.
  - **Prompt first**: the phone asks for a confirmation before the update.
- **Time zone**: displays a selectable list of 30 different time zones. Displays only if Manual only or Prompt first is selected.
  - **Daylight saving time**: activate or deactivate Daylight Saving Time.
- **Time**: change the hour and minute.
  - **am/pm**: select am or pm.
- **Time format**: select whether your time displays in either a 12-hour or 24-hour format.
- **Date**: enter the month, day, and year.
- **Date format**: select MM/DD/YYYY, DD/MM/YYYY, or YYYY/MM/DD format.
- **Week start day**: select which day you want your week to start.

To change your time and date settings:

1. Use the **Up** or **Down** Navigation key to select the option you wish to change.
2. To set the **Time** or **Date**, edit the field as you would text. For more information, refer to *"Using Number Mode"* on page 37.
3. Enter the desired number.
4. To change other options, use the **Left** or **Right** Navigation key to select the desired setting.
5. Press **Save** to save your changes, or **Cancel** to cancel.

---

**Note:** Automatic updates of time and date do not change the time set for alarm settings or calendar memos.

---

### *Language*

This menu allows you to select a display language for Text language and Input mode. Choose from **Automatic**, **English**, **Français**, and **Español**.

### *Airplane mode*

**Airplane Mode** allows you to use many of your phone's features, such as Games, Voice Notes, etc., when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information.

▶ Highlight **On** or **Off** and press **Save**.

### *Auto key lock*

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Auto key lock**.
2. Select **On** or **Off** and press **Save**.

### *USB Mode*

This menu selects the method of communication for the USB port, the options include:

– **Modem**: allows you to use the phone as a wireless modem for communication between a computer and the Internet.

– **Mass storage**: allows you to utilize the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

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**Note:** You are unable to connect to PC Studio when the Mass Storage option is selected.

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## Security

The Security feature enables you to restrict the use of your phone by others and to restrict outgoing calls. Various codes and passwords are used to protect the features of your phone.

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Security**.

### *Lock phone*

When the Lock phone feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on.

Once the correct password is entered, you can use the phone until you switch it off.

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Security** ➔ **Lock phone**.

The following options are available:

– **Disable**: you are not asked to enter the phone password when you switch on the phone.

– **Enable**: you are required to enter the phone password when you switch on the phone.

### *Lock application*

With this feature you can lock your applications which provide access to information. Options include All applications, Call records, Messages, Files (Sounds, Images, Videos, Music, and Other files), Calendar and Task, Note, and Phonebook. Once you lock the contents, you must enter the phone's password to access the associated menus.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Security** ➔ **Lock application**.
2. Highlight one of the applications or highlight **All application** and press the OK key. A check mark displays next to the selection.
3. Press **Save** to save you selections and lock the selected applications.

### *Change password*

The Change password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

Once you enter a new password, you are asked to confirm the change by entering the password again.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Security** ➔ **Change password**.
2. Enter a password in the **Enter new password** field and press **OK**.
3. Enter the new password again.

---

**Note:** If you change your password, be sure to record it and keep it in a safe place. If you forget your password, contact your Service Provider for assistance.

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### *Check PIN code*

When the Check PIN code feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

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**Note:** Before enabling or disabling the PIN Check feature, you must enter your PIN.

---

The following options are available:

– **Disable**: the phone connects directly to the network when you switch it on.
– **Enable**: you must enter the PIN each time the phone is switched on.

### *Change PIN code*

This feature allows you to change your current PIN, provided that the Check PIN code feature is enabled. You must enter the current PIN before you can specify a new one.

Once you enter a new PIN, you are asked to confirm the PIN number by re-entering it.

### *Set FDN mode*

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available:

– **Disable**: you can call any number.
– **Enable**: you can only call phone numbers stored in Phonebook. You must enter your PIN2. You can obtain your PIN2 from customer service.

### *Change PIN2 code*

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must first enter the current PIN2 (obtained from customer service) before you can specify a new one. Once you enter a new PIN2, you are asked to re-enter the new PIN2 to as confirmation.

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**Note:** Not all SIM cards have a PIN2. This menu does not display if your SIM card does not have the PIN2 feature.

---

## *Reset*

### Reset settings

From this menu you can reset your phone and sound settings to the default settings.

The following options are available:

– **All**: Phone, Display, Sound, and Call settings are returned to default values.
– **Phone settings**: only phone settings are returned to default values.
– **Display settings**: only display settings are returned to default values.
– **Sound settings**: only sound settings are returned to default values.
– **Call settings**: only Call settings are returned to default values.

To reset your settings:

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Security** ➔ **Reset** ➔ **Reset settings**.
2. Highlight one of the options or highlight **All** and press the OK key to place a check mark next to the option.
3. Press **Reset**.

### Restore factory settings

From this menu you can reset your phone and sound settings to the factory default settings.

The following options are available:

– **Clear User Data**: deletes all the information saved to the phone including Picture messages and phonebook entries.
– **Restore settings**: changes your device settings to factory default values.
– **Restore and clear**: restores your device to factory default settings.

### *Memory status*

You can check the amount of the memory being used and the memory remaining for Shared memory, Messages, Files, Games, Organizer, and Phonebook.

The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

You can also check how many names and numbers are stored on the Phone, on the SIM card, and the FDN list.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone settings** ➔ **Memory status**.
2. Select a category from the menu and press the key to view the memory status for that category.

## Bluetooth

### *About Bluetooth*

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The following Bluetooth options are available:

### *Turn Bluetooth On/Off*

This option allows you to turn Bluetooth **On** or **Off**.

▶ Make a selection and press the **Select** soft key or the OK key.

### *My devices*

This option allows you to search for new Bluetooth devices.

▶ Highlight the **Search new device** option and press the **Select** soft key or the OK key.

The phone searches for available devices.

### *My visibility*

When the Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This can be useful if you are attempting to connect additional Bluetooth devices. Allowing your phone to promote its visibility can pose a security risk and incite unauthorized connection. This feature should be paired with a Bluetooth security option.

▶ Highlight the option (On/Off) and Select (Left) soft key or the OK key.

The options are **On**, **Off**, or **Custom** (3 minutes, 5 minutes, or 10 minutes).

### *My phone name*

When your phone's Bluetooth visibility is turned On, it identifies itself using the name entered into this text field. This name can be altered by selecting the pre-existing text and selecting a new text string in its place. This feature should be paired with a Bluetooth security option.

1. Press the C key to erase the previous name.
2. Use the phone's keypads to enter a new name. The default input entry method is Abc, where the initial character is Uppercase and each consecutive character in that same word is left as lowercase text.
3. Press the **Save** soft key or the OK key to save the new name.

### *Security modes*

When the Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This transmission can pose a security risk and incite unauthorized connection to your phone. It is recommended that you active your phone's Bluetooth security.

▶ Highlight **On** or **Off** and press the **Select** soft key or the OK key.

### *Features*

The Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles increase the integration between different devices.

The following Service profiles are available:

- **Headset**: the remote Bluetooth headset enables both incoming and outgoing calls.
- **Handsfree**: the remote Bluetooth car kit enables both incoming and outgoing calls.
- **Bluetooth stereo headset**: used to make calls and listen to music through the Bluetooth stereo headset.
- **File transfer**: used to transfer files to and from Bluetooth devices.
- **Object push**: used to exchange personal data (namecards, Phonebook contacts, etc.) with Bluetooth devices.
- **Basic printing**: used to print images, text messages, personal data such as namecards and appointments, etc. through a remote Bluetooth printer.
- **Dial-up networking**: used to provide Internet access for Bluetooth devices through the phone's modem.
- **Serial port**: used to connect to other Bluetooth devices through a virtual serial port.

## Call settings

▶ In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings**.

The following options display:

### *Answer Options*

The Answer Options menu allows you to select how your phone answers incoming calls.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Answer options**.
2. Press the key to make your selection. Press the **Save** soft key to save your new selection. Options include:
   - **Send key**: answers an incoming call by pressing either the **Accept** soft key or the key.
   - **Any key**: answers an incoming call by pressing any key on your phone.

### *Auto redial*

In this menu, you can automatically redial the last number if the call was either cut off or you were unable to connect.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Auto redial**.

2. Press the OK key to make your selection then press the **Save** soft key to save your new selection. Options include:
   - **Off**: keeps the phone from automatically redialing the last number if the call was disconnected or the call was cut off.
   - **On**: causes the phone to automatically redial the number.

### *Show my number*

In the Show my number menu you can select how your ID is handled when an outgoing call is initiated.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Show my number**.
2. Highlight your selection and press the OK key.
3. Press **Save** to save your new selection. Options include:
   - **Set by network**: uses the default network information to identify you to the other party.
   - **Hide number**: hides your identifying information from the other recipient.
   - **Show number**: displays your identifying information to the other recipient.

### *Call forwarding*

This network service enables incoming calls to be re-routed to a secondary number that you specify.

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**Example:** You may wish to forward your business calls to a colleague while you are on holiday.

---

To set your call forwarding options:

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Call forwarding**.
2. Select a call forwarding option and then press the **Select** soft key or the OK key.

   The following options are available:

   - **Always**: all calls are forwarded until this feature is cancelled.
   - **If Busy**: calls are forwarded when you are already on another call.
   - **If no reply**: calls are forwarded when you do not answer the phone.
   - **If out of reach**: calls are forwarded when you are not in network service area, or when your phone is switched off.
   - **Cancel all**: all call forwarding options are canceled.

3. Highlight **Voice calls** or **Data calls** and then press the **Select** soft key or the OK key.
   The current status displays. If the option was already set, the number to which the calls are forwarded displays.
4. Activate Call forwarding.
   The **Forward to** field activates.
5. Enter the number in which to forward the calls in the **Forward to** text box and press the **Select** soft key or the OK key.

---

**Tip:** To enter an international code, press and hold the key until the + sign displays.

---

6. To deactivate call forwarding, select **Deactivate** by using the **Left** or **Right** Navigation key.
7. When you select If No reply in step 2, select the length of time the network waits for before forwarding a call.
   The phone sends your settings to the network and the network's acknowledgement displays.

### *Call barring (SIM Card Dependent)*

Call Barring allows you to restrict specific types of incoming and outgoing calls on your phone. This is useful if you allow someone to use your phone for a short period of time.

### *Call waiting*

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

1. In Idle mode, press **Menu** → **Settings** → **Call settings** → **Call waiting**.
2. Highlight **Voice calls** or **Data calls** and press the **Select** soft key or the OK key.
3. Highlight **Deactivate** or **Activate** and press the **Select** soft key or the OK key.
   Call waiting is either activated or deactivated for that type of call.
4. Select the **Cancel all** option to deactivate Call waiting on all voice and data calls.

### *Network selection*

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

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**Note:** You can select a network other than your home network only if there is a valid roaming agreement between the two.

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To change the Network Selection mode:

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Network selection**.
2. Highlight **Search now** and press the **Select** soft key or the OK key.
3. Highlight the network to which you want to connect and press the **Select** soft key or the OK key.
   The phone scans for that network and, if available, you are connected.

To change your Default setup:

1. Highlight **Default setup** and press the **Select** soft key or the OK key.
2. Highlight one of the following options and press the **Select** soft key or the OK key:
   - **Automatic**: you are connected to the first available network when roaming.
   - **Manual**: the phone begins searching for available networks. Press the Up or Down Navigation key until the network you want highlights and then press the **Select** soft key or the OK key. The phone scans the selected network and attempts to connect. If a connection is available, you are connected.

# Section 14: Camera

This section explains how to use the camera on your phone. You can take photographs by using the built-in camera functionality.

## Using the Camera

Using the camera module in your phone, you can take photos of people or events while on the move. Additionally, you can send these photos to other people in a Picture Messaging message or set a wallpaper or picture ID image.

**Note:** Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

## Take Picture

Your camera produces photos in JPEG format.

**Note:** When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Camera**.

**Tip:** Press the **Camera** key on the right side of the phone as a shortcut access to the camera module.

2. Highlight **Take picture** and press the **Select** soft key or the OK key.
3. Adjust the image by aiming the camera at the subject.
4. Press the **Left** soft key — to access the camera options. For details, see *"Configuring Camera Options"* on page 103.

**Tip:** You can use the keypad to quickly change the camera options.

5. Press the **Camera** key or OK key to take the photo.
6. Press **Options** to view the following options:
   - **Take another**: take another picture.

- **Send in Message**: send this photo as a picture message.
- **Set as**: set this photo as Wallpaper or a Picture ID.
- **Go to Photos**: displays the Photos folder.
- **Delete**: allows you to delete this photo.

7. To return to Capture mode, press the **Back** soft key.

   – or –

   Press the **Options** soft key and select **Take another**.

8. Press OK to take another picture.
9. Press to return to the Idle mode.

### *Configuring Camera Options*

▶ In Capture mode, press **Menu** to use various options for the camera module.

The following options are available:

- **Camera/Camcorder**: take a picture or record a video.
- **Shooting Mode**: select a mode, which is indicated at the top left of the display.
  - **Single shot**: takes a single photo and allows you view it before returning to the shooting mode.
  - **Multi-shot** takes a succession of consecutive photos.
  - **Mosaic shot** takes up to four photos and then groups them together into a single final photo.
- **Size**: set the image size to 1280x1024, 1024x768, 800x600, 640x480, 320x240 or 220x165. The selected image size displays on the capture screen.
- **Timer**: set a time delay before the camera takes the photo. Select the length of delay you want. When you press the **Camera** key or OK key, the camera takes the photo after the specified time has elapsed.
- **White balance**: set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- **Effects**: Choose an effect to apply to the photo from No effects, Black & White, Negative, Sepia, Emboss, Sketch, Antique, Moonlight, or Fog.
- **Shortcuts**: view a list of shortcuts such as Mode, Shooting mode, Timer and Viewfinder mode.
- **Settings**:

– **General settings**: There are two types of general settings: Zoom sound (creates a sound when you zoom the camera) and Brightness sound (creates a sound when you adjust the brightness). You can activate (turn On) or deactivate (turn Off) these sounds.

– **Camera settings**: consist of the following:
  - **Shutter sound**: a tone plays when the camera's shutter opens and closes.
  - **Viewfinder mode**: allows you to set the view finder to Full screen, Full screen & Indicator, or Full screen & Guideline.
  - **Scene program**: allows you to set the camera options to capture normal or night scene.
  - **Exposure metering**: allows you to set how the camera measures or meters the light source: Normal, Center-weighted, or Spot.
  - **Single shot**: allows you to select whether you want the single shot option set to Take and Send or Take and Preview.

### Camera Shortcuts

You can change options using your keypad in capture mode. The following short cuts are available:

takes the photograph.

**Up** volume key zooms out.

**Down** volume key zooms in.

**Up** and **Down** navigation keys zoom in and out.

**Left** and **Right** navigation keys adjust the image brightness.

toggles between camera and video mode.

takes a photo in various modes. Also displays custom frame borders for your photo.

sets the delay timer.

changes the viewfinder mode.

## Photos

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Camera** ➔ **Photos**.

   When you access this menu, your phone displays the photos in Line view, which shows them as small images. Use the Navigation keys to scroll through the photos.

2. To view the photos on the full screen, press the OK key. To go back to Line view, press the **Back** soft key or the ⊏ key.
3. Press the **Options** soft key to use the following options:
   - **Send via:** send the selected photo as a Picture message or to a Bluetooth enabled device.
   - **Set as**: set the photo as Wallpaper or as a Picture ID.
   - **Edit image**: edit the selected image.
   - **Delete**: erase the selected image or multiple images.
   - **Move to memory card**: move the selected photo or multiple photos to the memory card.
   - **Copy to memory card**: copy the selected photo or multiple photos to the memory card.
   - **Rename**: change the name of the photo.
   - **Display mode**: view photos in Line view or Thumbnail view.
   - **Slide Show**: see all of your photos in a slideshow presentation. Choose from 1 or 3 second intervals.
   - **Bluetooth visibility**: make this photo visible to other Bluetooth devices.
   - **Print via Bluetooth**: send the selected photo to a Bluetooth enabled printer.
   - **Lock/Unlock**: protect the photo from deletion, or unlock to allow deletion.
   - **Properties**: shows information about the photo, including file name, file date, file format, image resolution, file size, and lock status.

### Deleting a Photo

You can delete photos one by one or all at one time.

1. From the **Photos** menu, highlight the photo you want to delete.
2. Press the **Options** soft key and select **Delete** then press the **Right** Navigation key.
3. Select **Selected** or **Multiple** and press the **Select** soft key or the OK key.
4. Press the **Yes** soft key to confirm the deletion.
5. Press the ⏻ key when you are finished.

## Record video

**Tip:** For best results when shooting video in direct sunlight or in bright conditions, provide your subject with sufficient light by putting the light source behind you.

1. In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Camera** ➔ **Take picture**.
2. Press **Menu** and use the navigation key to highlight **Camcorder**.
3. Press the **Select** soft key or the OK key.
4. Adjust the image by aiming the camera at the subject.
5. Press the OK key to begin shooting video.
6. Press **Stop** to stop the recording.

   – or –
7. Press the OK key to stop the recording and save the video file to your Videos folder.
8. Once the file saves, press the OK key to play back your video for review.

### *Camcorder Options*

1. Press the **Left soft** — key to access the camcorder options.
   - **Camera/Camcorder**: take a picture or record a video.
   - **Limit for message mode:** select **No limit** or **LImit for message**.
   - **Size**: set the video size to 176x144, 128x96, or 160 x 120 (available only if **No limit** was selected). The selected image size displays on the capture screen.
   - **Timer**: set a time delay before the video starts to record. Select the length of delay you want and press the Select soft key. When you press the OK key, the video begins recording after the specified time has elapsed.
   - **White balance**: set this option from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
   - **Effects**: change the color tone or apply special effects to the photo. Options include: No Effects, Black & White, Negative, Sepia, Emboss, Sketch, Antique, Moonlight, and Fog.
   - **Sound**: turn audio On or Off.
   - **Shortcuts**: view a list of shortcuts such as Mode, Recording mode, and Timer.

- **General settings**: turn the Zoom and Brightness sound On or Off.

2. Press **Back** to return to the picture viewer.

### *Camcorder Shortcuts*

**Shortcut keys** allow you to quickly change options using your keypad, Navigation keys, and Volume key while in capture mode. The following options are available.

shoots video.

**Up** volume key zooms out.

**Down** volume key zooms in.

**Up** and **Down** navigation keys zoom in and out.

**Left** and **Right** navigation keys adjust the image brightness.

switches the handset between camcorder and camera mode.

changes the recording mode.

allows you to set a time delay before the camera takes the video.

## Videos

▶ In Idle mode, press **Menu** ➔ **Fun & Apps** ➔ **Camera** ➔ **Videos**.

When you access this menu, your phone displays the videos as small images in Line view. Use the Navigation keys to scroll through the photos.

Press the **Options** soft key to choose from the following options:

- **Send via**: sends the video using a Picture message or to a Bluetooth enabled device.
- **Delete**: deletes the selected video or multiple videos.

- **Move to memory card**: move the Selected or Multiple videos to the Memory card.
- **Copy to memory card**: copy the Selected or Multiple videos to the Memory card.
- **Rename**: change the name of the video.
- **Display mode**: view the pictures in Line view or Thumbnail view.
- **Bluetooth visibility**: make this video visible to other Bluetooth devices.
- **Lock**: protect the video from deletion.
- **Properties**: shows the properties of the video, such as the Name, Date, Format, Resolution, Size, Length, Quality, and Lock/Unlock.

# Section 15: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

## Health and Safety Information

### *Exposure to Radio Frequency (RF) Signals*

#### Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

Head: 0.487 W/Kg.

Body-worn: 1.15 W/Kg.

SAR information on this and other model phones can be viewed on-line at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

## Warning Regarding Display

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

## Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: https://fun.samsungmobileusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

## UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### *What kinds of phones are the subject of this update?*

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

### *Do wireless phones pose a health hazard?*

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research.

In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

### *What is FDA's role concerning the safety of wireless phones?*

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take

action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

### *What are the results of the research done already?*

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other

laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

### *What research is needed to decide whether RF exposure from wireless phones poses a health risk?*

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones.

Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

### *What is FDA doing to find out more about the possible health effects of wireless phone RF?*

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international

Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

### *What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?*

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

### *What about children using wireless phones?*

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects.

Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

### *Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?*

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

### *Do wireless phone accessories that claim to shield the head from RF radiation work?*

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

### *What about wireless phone interference with medical equipment?*

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and

Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/en/
- International Commission on Non-Ionizing Radiation Protection:
  http://www.icnirp.de
- Health Protection Agency:
  http://www.hpa.org.uk/radiation
- US Food and Drug Administration:
  http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

## Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

**"The wireless industry reminds you to use your phone safely when driving."**

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

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**Important!:** If you are using a handset other than a standard numeric pad, please call 1-888-901-7233.

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Provided by the Cellular Telecommunications & Internet Association.

## Responsible Listening

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**Caution!:** Avoid potential hearing loss.

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Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

**National Institute on Deafness and Other Communication Disorders**

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

**National Institute for Occupational Safety and Health (NIOSH)**

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

## Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

## Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

### *Implantable Medical Devices*

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

### *Hearing Aid Compatibility with Mobile Phones*

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

### *Other Medical Devices*

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### *Vehicles*

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### *Posted Facilities*

Switch your phone off in any facility where posted notices require you to do so.

## Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

## Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

### *Restricting Children's access to your Phone*

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

## FCC Notice and Cautions

### *FCC Notice*

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

**NFPA (National Fire Protection Agency)**

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

### *Cautions*

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

## Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

## Product Performance

### *Getting the Most Out of Your Signal Reception*

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### *Understanding the Power Save Feature*

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

### *Understanding How Your Phone Operates*

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### *Maintaining Your Phone's Peak Performance*

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.

- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

## Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

## Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

## Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user’s guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers

should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

# Section 16: Warranty Information

## Standard Limited Warranty

**What is Covered and For How Long?**
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

| | |
|---|---|
| Phone | 1 Year |
| Batteries | 1 Year |
| Leather Case | 90 Days |
| Holster | 90 Days |
| Other Phone Accessories | 1 Year |

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?** EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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### *Precautions for Transfer and Disposal*

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

---

**Important!:** Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

---

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

---

**Important!:** If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

---

Phone: 1-888-987-HELP (4357)

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